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Pure and Sure

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FLOWER AND VEGETABLE SEEDS

For 1947



ST. LOUIS SEED COMPANY

411 NO. BROADWAY

ST. LOUIS 2, MO.



1947 ANNUAL CATALOGUE

We want our catalogue to be a friendly medium of contact and amicable business relations. We have endeavored to give cultural directions in conjunction with the various varieties wherever possible.

When we advertise "Pure and Sure" seeds we mean that our customers receive seeds which have been tested under varying conditions prior to sale; thus reducing to a minimum the possibility of failure.

All "PURE and SURE" Seeds HORMONE TREATED

All of our garden seeds (vegetable and flower) are HORMONE TREATED.

We pioneered by offering HAVALAWN grass seed Hormone Treated—an advancement which we adopted after extensive research and experiment. The beneficial effect of Hormones has been proven. Hormones speed germination, induce sturdier root growth and more luxuriant plant growth, and better crops.

Remember, though, that our Hormone treatment is scientifically applied. The proper application to the seeds and the proper care of the seeds after the application are necessary to secure desired results. For those reasons we do not feel that our Hormone Treated seeds can be successfully handled by the ordinary retail outlets. So for your satisfaction and protection, "Pure and Sure" seeds (vegetable and flower) Hormone Treated are sold at our store exclusively.

Prices quoted herein are subject to change without notice and all offerings are subject to stock on hand

Suggestions for Ordering

Phone CEntral 4100

ORDER EARLY

Phone CEntral 4100

WE WISH TO IMPRESS UPON YOU THE ADVANTAGE OF EARLY ORDERING. It is not only a convenience to us but it is also for your sake that we request this. Avoid the spring rush and have your seeds when you want them. They will not spoil, and the delay necessarily attendant during the spring will be eliminated. You will not be waiting for your seeds, when you should be planting. Our service will please you even during the busy season. Send your order now.

Remittances should be made by Post Office Money Orders, Drafts on St. Louis Banks, or Express Money Orders. Where it is not possible to obtain these, the letter should be registered. We cannot guarantee receipt of money sent in any other way.

Goods desired C. O. D. must be accompanied by a partial remittance to guarantee acceptance.

In filling out your order always give Shipping Directions, and write Name and Address distinctly on each and every order.

PARCEL POST: Customers on R. F. D. route, and beyond express delivery will aid us by stating: "Goods reach us by Parcel Post only," to avoid mistakes in sending by express.

ALL PRICES on VEGETABLE SEEDS are net, but on PACKETS, up to 5 LBS. WE PREPAY POSTAGE, EXCEPT WHEN NOTED.

PURCHASER PAYS TRANSPORTATION on Plants, Shrubs, Potatoes, Farm Seeds, Grass Seeds, Implements, Sundries; also Seed by gallon, peck and bushel.

EXPRESS AND FREIGHT CHARGES on large quantities are cheaper than Parcel Post. We charge no cartage to depots or the Express Company offices, nor do we charge for boxes, packing or for small muslin bags.

When seamless cotton bags are required they must be remitted for; 45c each.

THE PRICES QUOTED IN THIS CATALOGUE ARE NET. We reserve the right to advance prices without notice should current conditions require it.

PLEASE NOTE—ABOUT WARRANTING SEEDS

NON-WARRANTY. Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success, and although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we still give no warranty as to description, quality or productiveness of any of the

seeds, plants or bulbs we send out, and will not be in any way responsible for the crop and every order for articles named in this Catalogue will be executed on these conditions only. It must, however, be plain to everyone who gives the matter the slightest thought that it is to our best interests to send out only such stock as will not only grow, but prove true to name and description.

ST. LOUIS SEED COMPANY.

HAVALAWN

GRASS

Havalawn is a mixture especially prepared for St. Louis soil and climate.

The Hormone treatment of seeds is a proven advancement.

Hormones encourage germination and increase both plant and root growth.

SEED

HORMONE TREATED

1 lb. \$1.00 3 lbs. \$2.95 5 lbs. \$4.90 10 lbs. \$9.70 25 lbs. \$24.00 100 lbs. \$95.00

By mail, add postage.

ST. L. S. CO.'S SHADY LAWN MIXTURE. This mixture is intended for situations in partial or complete shade of trees.

1 lb. \$1.00; 3 lbs. \$2.95; 5 lbs. \$4.90; 10 lbs. \$9.70; 25 lbs. \$24.00; 100 lbs. \$95.00.

QUICK RESULTS MIXTURE. This is intended for yards, playgrounds, etc., that are not intended to be kept cut closely, and where grass is wanted quickly to cover unsightly places.

1 lb. 65c; 3 lbs. \$1.90; 5 lbs. \$3.15; 10 lbs. \$6.20; 25 lbs. \$15.25; 100 lbs. \$60.00.

ST. L. S. CO.'S TERRACE MIXTURE. Composed of varieties which make strong roots to hold terraces and embankments.

1 lb. \$1.00; 3 lbs. \$2.95; 5 lbs. \$4.90; 10 lbs. \$9.70; 25 lbs. \$24.00; 100 lbs. \$95.00.

BLUE GRASS, KENTUCKY (*Poa pratensis*). Fancy extra recleaned. Kentucky Blue Grass is the most hardy and valuable of all grasses.

1 lb. \$1.25; 3 lbs. \$3.70; 5 lbs. \$6.15; 10 lbs. \$12.20; 25 lbs. \$30.25; 100 lbs. \$120.00.

BLUE GRASS, CANADIAN (*Poa compressa*). A very hardy perennial grass with creeping root stocks.

1 lb. \$1.25; 3 lbs. \$3.70; 5 lbs. \$6.15; 10 lbs. \$12.20.

BENT-ASTORIA (*Agrostis Tenuis*). A very fine-bladed grass producing a thick turf.

1 lb. \$2.00.

BENT, CREEPING (*Agrostis Species*). Its rapid growth and stoloniferous roots form a strong, enduring turf which withstands hard usage.

1 lb. \$2.00.

BENT, SEASIDE (*Agrostis maritima*). This is the variety which was first identified in Oregon. It is a hardy creeping variety forming close mat-like sward.

1 lb. \$2.00.

BERMUDA (*Cynodon dactylon*). It is of dwarf habit with long creeping stems, rooting at the joint and covering the ground with a matting of fine turf.

1 lb. 75c; 3 lbs. \$2.20; 5 lbs. \$3.65; 10 lbs. \$7.20.

CHEWINGS' FESCUE. (New Zealand-Grown.) Does well in sandy soils, and in the shade. Sow either spring or fall.

1 lb. \$1.15; 3 lbs. \$3.40; 5 lbs. \$5.65; 10 lbs. \$11.20.

FESCUE, MEADOW (*Festuca pratensis*). This grass is also called English Blue Grass; flat and bright green.

1 lb. 65c; 3 lbs. \$1.90; 5 lbs. \$3.15; 10 lbs. \$6.20; 25 lbs. \$15.25; 100 lbs. \$60.00.

ORCHARD GRASS (*Dactylis glomerata*). Very desirable for early pasture. Also fine for sowing in shady places.

1 lb. 65c; 3 lbs. \$1.90; 5 lbs. \$3.15; 10 lbs. \$6.20; 25 lbs. \$15.25; 100 lbs. \$60.00.

POA TRIVIALIS. An ideal grass for shade. A spreading, thickly matting stoloniferous-rooted species; leaf blades narrow, flat and dark green. Forms a fine turf and adapted for shady situation. Thrives on moist and stiff clay lands.

1 lb. \$1.25; 3 lbs. \$3.70; 5 lbs. \$6.15; 10 lbs. \$12.20.

ROCK GRASS. A quick growing grass for planting on ornamental clay heads; pigs, bulb bowls, etc.

Pkt. 10c.

RED TOP, FANCY (*Agrostis palustris*). Red Top is a remarkable grass accommodating itself to a variety of soils and conditions. It is strongly drought-resistant.

1 lb. 35c; 3 lbs. \$1.00; 5 lbs. \$1.65; 10 lbs. \$3.20; 25 lbs. \$7.75; 100 lbs. \$29.00.

RYE GRASS. Succeeds well on almost any soil, but is particularly adapted to moderately moist lands.

1 lb. 25c; 3 lbs. 70c; 5 lbs. \$1.15; 10 lbs. \$2.20; 25 lbs. \$5.25; 100 lbs. \$18.00.

RYE GRASS (Perennial). Very valuable variety. Succeeds well on almost any soil, but is particularly adapted to moderately moist lands.

1 lb. 40c; 3 lbs. \$1.15; 5 lbs. \$1.90; 10 lbs. \$3.70; 25 lbs. \$9.00; 100 lbs. \$35.00.

TIMOTHY (*Phleum pratense*). Used mostly for its hay crop, but is also used in lawn mixtures.

1 lb. 20c; 3 lbs. 55c; 5 lbs. 90c; 10 lbs. \$1.70; 25 lbs. \$4.00; 100 lbs. \$15.00.

CLOVER FOR LAWNS

WHITE or DUTCH. A low growing Clover. Very desirable for beautifying the lawn. One pound covers 600 square feet.

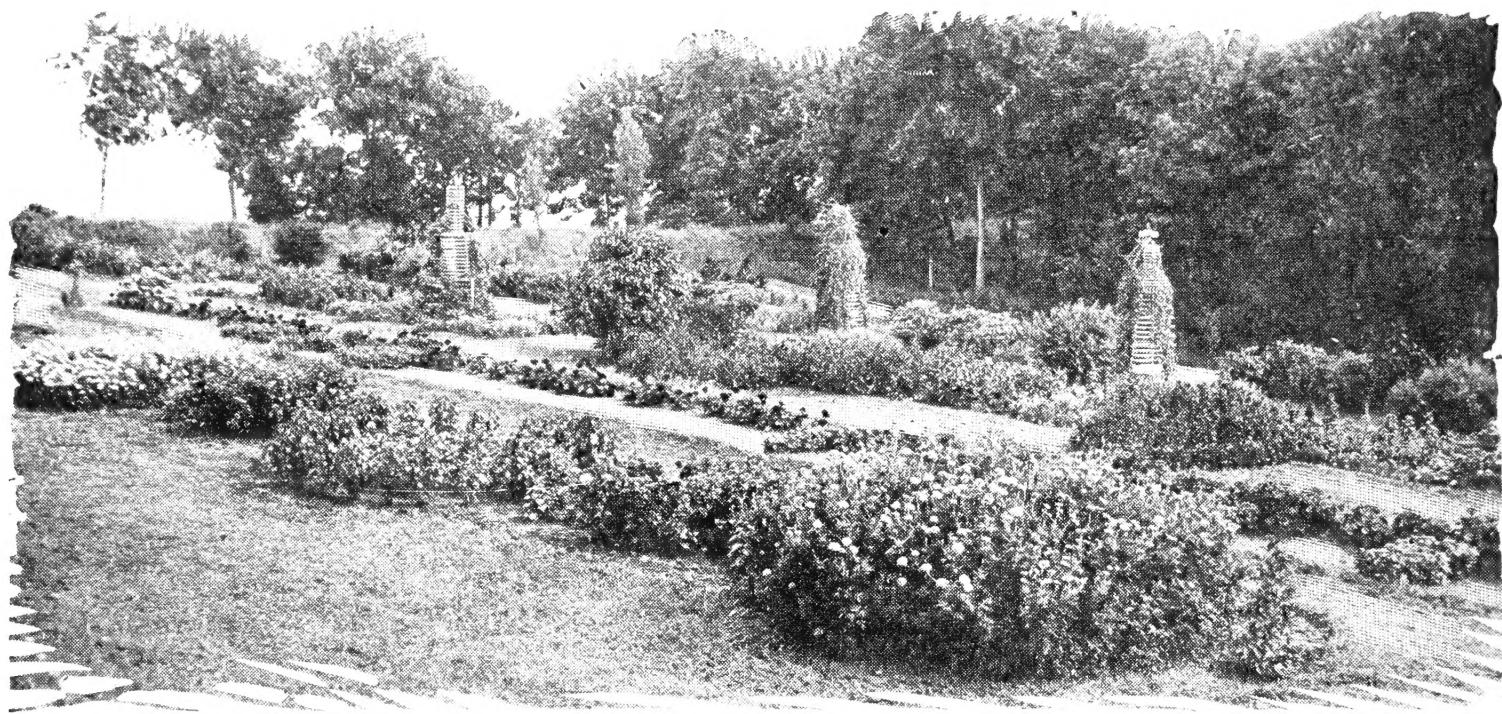
1 lb. \$1.25; 5 lbs. \$6.00.

TEXINET

TEXINET is a strong, economical, open-mesh fabric. When placed over any seeded surface, its square mesh forms millions of tiny dams which catch and hold your seed and sod firmly in place. 36 inches wide.

Per yard 15c.

Pure and Sure FLOWER SEEDS for 1947



ABRONIA, Umbellata (Tender Perennial). Clusters of deep rose colored blossoms rise from trailing mats of deep green crispy leaves. Very drought resistant. Valued in the rock garden. Of easy culture, seed may be sown outdoors in spring or early summer. Germination 10 days. **Pkt. 10c.**

ACHILLEA, The Pearl (Perennial). An easily grown plant, about 2 ft. high, bearing clusters of white flowers. Excellent for cutting. Does well in partial shade. Blooms from June to September. Sow seed from May to September. Germination 7 to 12 days. **Pkt. 15c; 1/8 oz. 50c.**

ACONITUM, Napellus Blue (Perennial). Stately spikes of showy helmet-shaped flowers. The plants resemble Delphiniums in form and bloom during July and August. Sow seed in winter or very early spring. These are seeds that need cold rather than heat to germinate. Germination 2 to 4 weeks. **Pkt. 10c.**

ACROCLINIUM (Everlasting Flowers) (Annual). Pretty little daisy-like flowers. Rose, pink and white. For winter bouquets they should be cut before they become fully expanded. Seed sown outdoors in good garden soil, after the ground is warm, will bloom in six to eight weeks. One foot high. Germination 7 to 12 days. **Mixed. Pkt. 10c; 1/4 oz. 35c.**

AGERATUM (Floss Flower) (Annual). A most satisfactory plant for bedding or edging. Very easily grown. Blooms freely all summer, stands drought. Seed may be sown indoors early or in open ground after frost and until June. Transplant or thin out so plants are six inches apart. Germination 7 to 14 days.

Blue Cap. Very dwarf 4 inches, deep blue, free flowering. **Pkt. 10c; 1/16 oz. 35c.**

Blue Ball. Clear blue. Compact plants. 6 inches. **Pkt. 10c; 1/16 oz. 35c.**

Imperial Dwarf Blue. A choice bedding variety. 10 inches. **Pkt. 10c; 1/16 oz. 30c.**

Little Blue Star. Plants densely covered with bright blue flowers. Height 5 inches. **Pkt. 10c; 1/16 oz. 35c.**

AGROSTEMMA, Coronaria (Rose Campion) (Perennial). Beautiful free flowering plants with gray-green foliage and deep crimson flowers. Seed sown early (February or March) will bloom the first year. 2 1/2 feet tall. Germination 12 to 20 days. **Pkt. 10c; 1/4 oz. 30c.**

ALYSSUM, Sweet (Annual). Fragrant flowers are produced in profusion throughout the season. Blooms in six weeks after seed has been sown. Sow in good garden soil from early spring to midsummer. Thin or transplant four inches apart. Germination 7 to 10 days.

Miniature. An exceedingly dwarf variety. Fragrant white flowers produced in great masses. **Pkt. 10c; 1/4 oz. 35c.**

Carpet of Snow. The finest edging variety, producing a rounded mass of pure white flowers. A continuous bloomer. Height 4 inches. **Pkt. 10c; 1/4 oz. 35c.**

Little Gem. A dwarf graceful plant, with tiny fragrant white flowers. 4 inches. **Pkt. 10c; 1/4 oz. 35c.**

Lilac Queen. Delicate lilac flowers, especially attractive in autumn. 6 inches. **Pkt. 10c; 1/4 oz. 35c.**

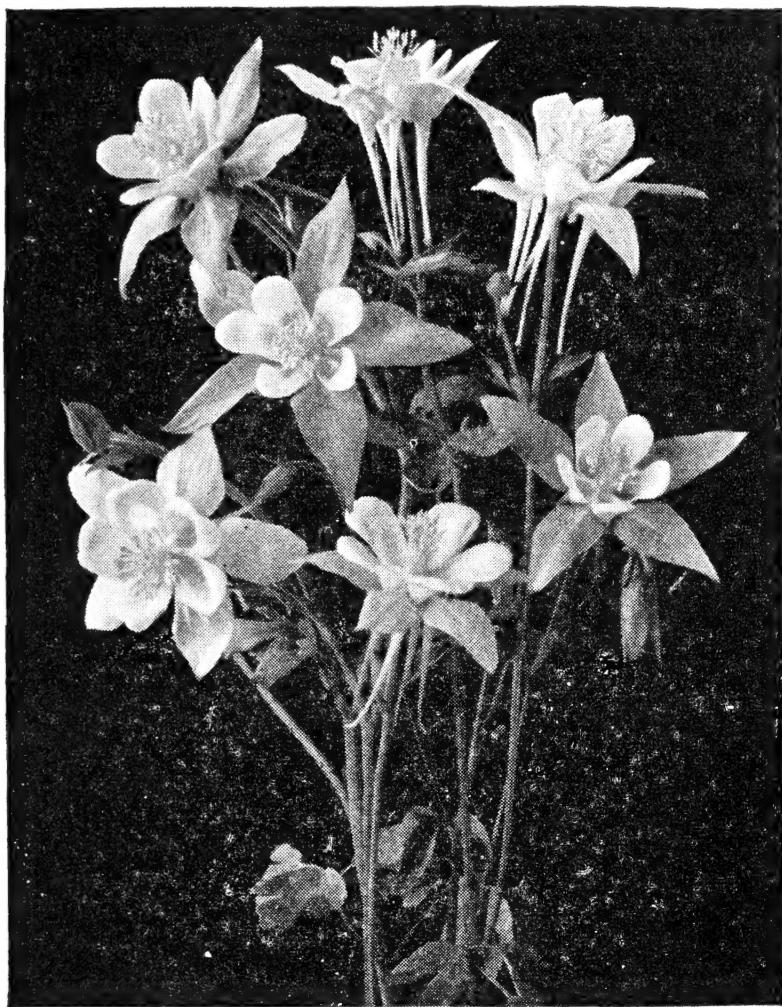
Violet Queen. Plants dwarf, compact. Free flowering, fragrant. Color deep violet. **Pkt. 10c; 1/4 oz. 35c.**

Saxatile (Basket of Gold) (Perennial). The golden yellow flowers, completely cover the compact plants in early spring. Height 9 inches. Sow seed in early spring, transplant when large enough to bloom. Seed germinates in 20 to 30 days. **Pkt. 10c; 1/4 oz. 35c.**

AMARANTHUS (Annual). Beautifully colored foliage plants that succeed best in sunny rather dry locations. Sow seed in open after the ground is warm. Seed germination in 14 days.

Tricolor (Joseph's Coat). Brilliant scarlet, yellow and green foliage. **Pkt. 10c; 1/4 oz. 35c.**

Choice Mixed. Variegated and solid colors. **Pkt. 10c; 1/4 oz. 30c.**



Aquilegia

ANCHUSA, Italica (Dropmore) (Perennial). Does best in well drained situation and prefers partial shade. Flowers of deep gentian blue produced on drooping sprays from May to July. Easily grown in ordinary garden soil. Seed sown in midsummer will bloom the following season. Germination 18 to 24 days.

Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

ANEMONE, Japonica (Windflower) (Perennial). A glorious flower in late summer and fall. Long stemmed blossoms of white, flesh tinted cream, pink and rose. Sow seed in late fall or very early spring, cover lightly with fine sand. Keep well watered in dry weather. Blooms from August to October. Height 2 ft. Germination 6 weeks.

Mixed. Pkt. 15c.

ANTHEMIS, Tinctoria (Hardy Marguerite) (Perennial). Golden daisy-like flowers and fern-like foliage. Seed sown early will bloom the first season. Will thrive in most any soil. Give full sunlight. Bloom from June to frost. Germination 10 days.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

ANTIRRHINUM (Snapdragon) (Half-hardy perennial). Used as annuals. Used for bedding and make excellent cut flowers. Snapdragons thrive in any good garden soil. Seed may be sown outdoors in late fall or early spring. For early blooms, sow indoors and transplant to sunny position as soon as ground is warm. Germination 7 to 12 days.

Maximum (Giant Flowering) (Rust Resistant). Large flowers, closely placed on the spike. Height 3 ft.

Alaska. White.

Crimson. Fiery crimson red.

Copper King. Copper scarlet.

Daffodil. Golden yellow.

Loveliness. Soft rose.

Swingtime. Rose pink.

Pkts. each 15c.

Maximum Mixed.

Pkt. 15c; $\frac{1}{8}$ oz. 50c.

Large Flowering Half Dwarf. Height 18 inches.

Nelrose. Brilliant rose.

Empress. Velvety crimson.

Golden Queen. Deep yellow.

Defiance. Orange scarlet.

The Bride. Pure white.

Silver Pink. Pearly pink.

Mixed.

Pkts. 10c; $\frac{1}{8}$ oz. 40c.

Rock Hybrids. Form small compact plants with various colored flowers, suitable for rock gardens and borders. Continuous bloomer. Height 8 inches.

Pkt. 15c.

Tom Thumb. A very dwarf variety producing an abundance of bloom throughout the summer.

Mixed. Pkt. 10c.

AQUILEGIA (Columbine) (Perennial). The Aquilegias are among the most beautiful and popular of hardy plants. Germination of seed a little slow and uneven, taking from 12 to 60 days. Should be kept moist. Foliage very attractive; good cut flower. Best in partial shade.

Imperial Long Spurred Hybrids. The finest of the long spurred Columbines. Many colors including red, pink, yellow, blue and white shades.

Pkt. 25c; $\frac{1}{16}$ oz. 75c.

Mrs. Scott Elliott's. Long-spurred Hybrids. Many fine color combinations, having extremely long spurs, good stems and large blooms. $2\frac{1}{2}$ to 3 ft.

Pkt. 15c; $\frac{1}{16}$ oz. 35c.

Chrysanth (Golden Columbine). A free flowering Columbine. Bright yellow flowers blooming longer than others.

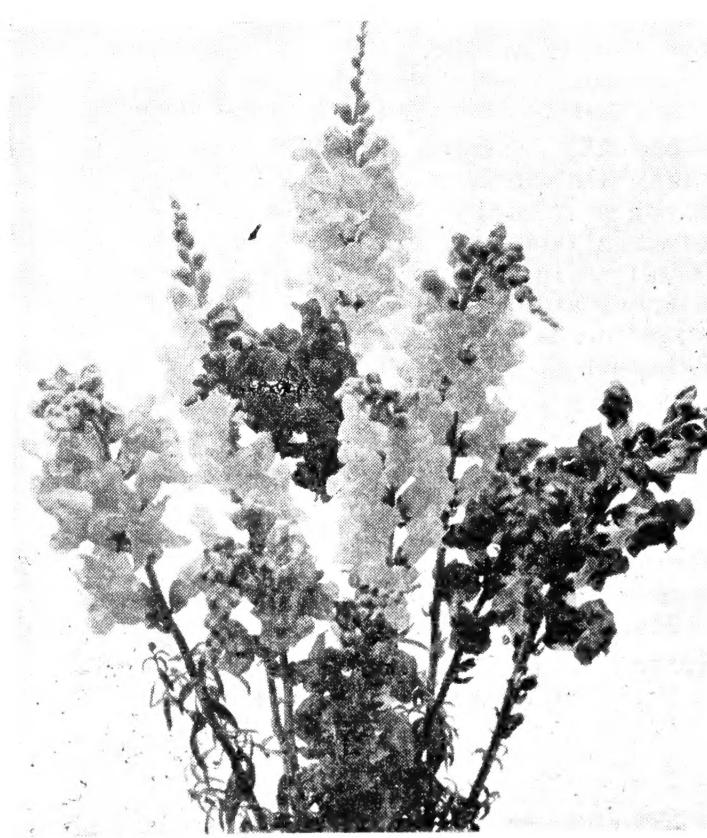
Pkt. 10c; $\frac{1}{16}$ oz. 30c.

Coerulea. Light blue and white. 14 inches.

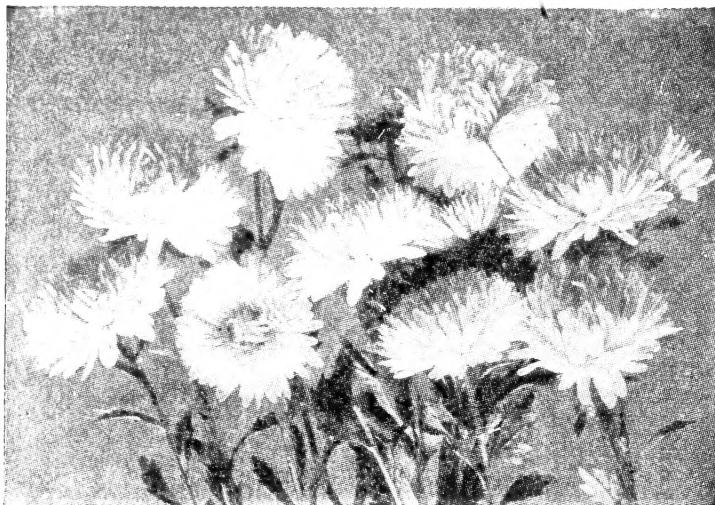
Pkt. 15c.

Double. Mixed colors. 12 inches.

Pkt. 10c; $\frac{1}{16}$ oz. 30c.



Antirrhinum



Aster

ARABIS (Rock Cress) (Perennial). Compact plants, covered with white flowers during April and May. Fine for rockery. Sow seed in light soil from May to August and transplant to where they are to bloom in October. Germination 10 days.
Pkt. 10c.

ARCTOTIS, Grandis (Blue Eyed Daisy) (Annual). Sow seed in early spring in good garden soil. Thin plants to 10 inches apart. Grows quickly and blooms all summer. White with lilac center. 2 ft. Fine for cutting. Germination 15 to 20 days.
Pkt. 10c; 1/8 oz. 25c.

ARMERIA, Formosa (Sea Pink or Thrift) (Perennial). Sow seed in midsummer or early fall. Armerias are of easiest culture, being hardy and free growers. Compact plants with grass-like foliage and pink clover-like flowers. 12 inches. May and June. Germination 14 to 21 days.
Pkt. 15c; 1/8 oz. 50c.

ASCLEPIAS, Tuberosa (Butterfly Weed) (Perennial). One of the most attractive plants; flowers borne in clusters are gorgeous orange and make graceful bouquets. Easily grown from seed sown in spring in ordinary soil. Transplant in fall to where plants are to bloom. Likes full sun. Germination 21 to 30 days.
Pkt. 15c.

ASPARAGUS (Tender Perennial). The ornamental varieties of Asparagus are highly valued for their feathery sprays. Height 2 to 3 ft. Germination 30 to 45 days.

Plumosus Nanus (Lacefern). Bright green.
Pkt. 10c.

Sprengeri (Emerald Fern). Used for window boxes and hanging baskets.
Pkt. 10c.

ASTERS (Annual). Seed should be planted in well drained soil after the danger of frost has passed. Seed germinates in 6 to 8 days.

Queen of the Market (Wilt resistant). Double, well formed flowers with long stems. Fine for cutting. 2 1/2 ft. **White, peach blossom, crimson, dark blue, light blue or mixed.**
Pkt. 10c; 1/4 oz. 50c.

Crego (Giant Improved). Free flowering compact plant about 2 ft. tall. A midseason variety, filling the season between early and late Asters.
Mixed. Pkt. 10c; 1/4 oz. 50c.

American Branching (Wilt resistant). Very free blooming, producing flowers of the broad petal type, slightly incurved and very lasting. Long stems for cutting. 3 ft. **Crimson, lavender purple, shell pink, light rose, white or mixed.**
Pkt. 15c; 1/8 oz. 50c.

Baby Aster (Pompon). Plants compact, well branched, 8 to 10 in. tall. Flowers 1 1/2 to 2 inches across with short tightly quilled petals. Early bloomer.
Mixed colors. Pkt. 10c; 1/8 oz. 50c.

California Giants. Their immense size, beautiful colors, free flowering habit make them great favorites. 3 ft.
Mixed colors. Pkt. 15c; 1/8 oz. 50c.

Single (China Asters). This strong, vigorous Aster will bloom when all others fail. Single flowers. 2 1/2 in. in diameter with yellow centers. Many colors. 2 ft.
Mixed. Pkt. 10c; 1/4 oz. 30c.

Hardy Aster (Michaelmas Daisy). A free-flowering perennial thriving in good garden soil. 4 ft.
Mixed colors. Pkt. 15c.

Alpinus. Plants 6 to 10 in. high. Blooms are produced in great profusion in late summer and fall.
Mixed. Pkt. 15c.

AUBRIETIA (Rainbow Rock Cress) (Perennial). Large flowering hybrids. Aubrietas are highly recommended for the rock garden or rock wall. Neat, compact plants and a vivid splash of color in April and May. 6 in. Seed should be sown in spring or early summer. Cover lightly with fine sand. Germination 10 to 14 days.
Mixed colors. Pkt. 15c.

BALSAM APPLE (Mormordica) (Annual). An ornamental vine used mostly for its fruit which is deep orange. When ripe fruit opens and shows its brilliant carmine seeds. Fruits used to make salve and cough syrup. Plant seed where they are to grow. 10 ft. Germinates 8 to 12 days.
Pkt. 10c; 1 oz. 75c.

BALSAM (Lady Slipper) (Annual). Beautiful plants with double flowers 2 in. in diameter. Set plants 2 ft. apart in sunny position. Flowers in great profusion all summer. Seed germinates in 8 to 10 days.

Camellia Flowered. **White, scarlet, salmon rose, or mixed.**
Pkt. 10c; 1/8 oz. 35c.



Balsam

BALSAM (Lady Slipper).

Rose Flowered. Mixed.

Pkt. 10c; 1/8 oz. 35c.

Torch (Bush Balsam). Very compact plants, 8 to 10 in. tall. Unlike the taller Balsams, the flowers are carried at tips of stems, making a show of color rather than foliage. Color bright vermillion red.

Pkt. 25c.

BAPTISIA, Australis (False Indigo) (Perennial).

Large lupin like spikes of clear deep blue. Foliage very attractive. Blooms in June. 5 ft. Germination 18 to 30 days.

Pkt. 15c; 1/4 oz. 50c.

BEGONIA (Tender Perennial). Sturdy plants with glossy foliage and profuse bloom. The seed should be started under glass.

Prima Donna. Light rose. 10 inches.

Pkt. 15c.

Luminosa. Fiery dark scarlet. 10 inches.

Pkt. 15c.

Fine Mixed. Similar to above, mixed.

Pkt. 10c.

BELLIS PERENNIS (Double or English Daisy) (Perennial). Low growing plants bearing large blooms. Its cheerful early bloom has made it a favorite bedding plant. Sow seed in shallow boxes in August. When plants are large enough, transplant into cold frame about 5 in. apart. Cover in cold weather. Transplant to open ground in early spring. Germination 5 to 10 days. Red, white, rose and mixed.

Pkt. 15c; 1/16 oz. 50c.

BOCCONIA CORDATA (Plume Poppy) (Perennial). A splendid hardy perennial with beautiful foliage and spikes of creamy white flowers. 6 to 8 ft. July. Germination slow, best sown in late fall or very early spring.

Pkt. 10c.

BOLTONIA, Latisquama (Perennial). A showy plant bearing in profusion, lavender pink daisy-like flowers. Blooms in September and October. An excellent cut flower. Very drought resistant. 3 to 4 ft. Germination 7 to 10 days.

Pkt. 15c.

BRACHYCOME, Iberidifolia (Swan River Daisy)

(Annual). A very graceful annual, 14 in. high, suited to borders and also attractive in pots. Seed may be sown under glass in February or March or in open after ground is warm. Germination 10 to 14 days. Mixed colors of blue, white, rose.

Pkt. 10c; 1/8 oz. 35c.

BROWALLIA, Speciosa Major (Annual). Brilliant dark blue flowers borne in profusion. Excellent border plants; also used for pot plants. Seed may be sown in open, but for best results seed should be sown indoors early and transplanted to open ground about May 10th. They will bloom until frost. 16 in. Germination 14 days.

Pkt. 25c.

CACALIA (Tassel Flower) (Annual). A pretty, free flowering plant with red tassel-like flowers. 18 in. Sow seed outdoors after danger of frost. Blooms from June until frost. Germination 10 days. Mixed colors.

Pkt. 10c.

CALCEOLARIA (Pouch Plant or Lady Slipper) (Tender Perennial). Very attractive pot plants. Colors range through yellow, gold, orange, copper, scarlet, crimson with dark spots. Seed may be sown from the end of March to September. Sow in flats or pans in mixture of half peat moss and half sand. Cover seed very lightly with sifted peat. At a temperature between 60 degrees and 75 degrees seed will germinate in 14 to 20 days.

Hybrida Grandiflora. Large flowering, mixed.

Pkt. 25c.

CALENDULA (Pot Marigold). Superb annuals which are very easily grown from seed. They start to bloom in early summer and continue until frost. Seeds are usually sown where the plants are to bloom, but may be sown indoors and transplanted. Germination 4 to 10 days.

Bodger's Pastel Mixture. A combination of lighter shades of yellow and orange. Dwarf plants, especially adapted for the home garden.

Pkt. 10c; 1/4 oz. 40c.

Chrysanth. 3 to 4 inch flowers. Stems 24 to 30 inches. Buttercup yellow.

Pkt. 15c; 1/4 oz. 45c.

Campfire (Sensation). Large flowers of brilliant orange. Fine for forcing indoors.

Pkt. 10c; 1/4 oz. 40c.

Lemon Queen. Rich lemon yellow. Large flowers. Height 18 in.

Pkt. 10c; 1/4 oz. 40c.

Orange King. Bright orange. Height 18 in.

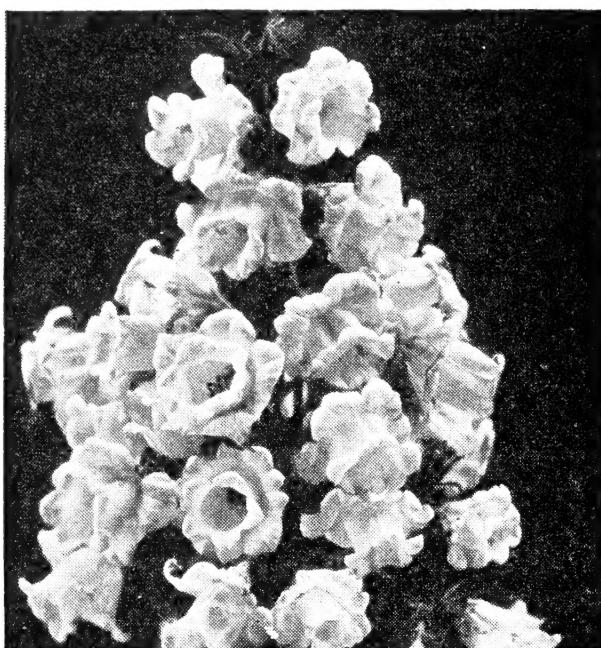
Pkt. 10c; 1/4 oz. 40c.

Orange Shaggy. Fringed and laciniated petals. Deep orange, shading to light at center of the flower, giving it a two tone effect.

Pkt. 10c; 1/4 oz. 40c.

Mixed. Yellow and orange shades.

Pkt. 10c; 1/4 oz. 30c.



Campanula

CALLIOPSIS (Tickseed) (Annual). Easily grown and exceedingly showy plants, which do well in almost any location. They bloom continuously and are fine for cutting. Seed may be sown outdoors where they are to bloom, in the fall, or early spring. Germination 8 to 12 days.

Dwarf Superb Mixture. In shades from golden yellow to maroon.
Pkt. 10c; 1/4 oz. 25c.

Tall Mixed. For beds and borders. 2 to 3 ft.
Pkt. 10c; 1/4 oz. 25c.

CAMPANULA (Canterbury Bells) (Annual, biennial or perennial). Very attractive flowering plants. Sow seed from May to September and transplant as soon as plants are large enough to handle. Germination 10 to 14 days. Protect with straw during winter.

Calycanthema (Cup and Saucer) (Biennial). Erect plants 3 ft. tall, completely covered with large cup-and-saucer-shaped flowers in May and June. **Dark blue, light blue, rose and white.**
Pkt. 10c.
Mixed colors. Pkt. 10c; 1/8 oz. 35c.

Medium (Single) (Biennial). 3 ft. tall with large single bell-shaped flowers. **Blue, rose, white and mixed.**
Pkt. 10c; 1/4 oz. 35c.

Carpatica (Carpathian Hareball) (Perennial). Compact tufts not exceeding 8 inches high. Flowers held erect on wiry stems. It begins blooming in June and continues until October. Fine for edging or rock garden. Blue.
Pkt. 10c; 1/4 oz. 35c.

Pyramidalis (Chimney Bellflower). Produces spikes 3 to 5 ft. tall covered with star-shaped flowers from June until October. Mixed.
Pkt. 15c.

Annual Canterbury Bells. Plants grow about 3 ft. high. Each plant has 6 to 8 spikes of blooms. Seed sown in March or early April will bloom in late summer and autumn of first year. Mixed.
Pkt. 10c; 1/4 oz. 35c.

CANARY BIRD VINE (Annual). A beautiful rapid annual climber, the charming little canary-colored blossoms resembling a bird with its wings half expanded. 10 feet.
Pkt. 10c.

CANDYTUFT (Iberis) (Annual). One of the most popular annuals for borders or rock gardens. Sow seed in March to June where they are to bloom. Thin to 4 inches apart. Seed germinates in 7 to 12 days.

Giant Hyacinth Flowered. Large spikes, resembling well-formed hyacinths on stout stems. Good for cut flowers. 12 in. White.
Pkt. 10c; 1/4 oz. 30c.

Umbellata. Compact varieties with clusters of small florets. They bloom in about 8 weeks from time of sowing. For succession of blooms, sowings should be made at 2 week intervals.
Mixed colors. Pkt. 10c; 1/2 oz. 35c.

CANDYTUFT (Perennial). Hardy Candytuft is of spreading habit and is covered with large flat clusters in late spring. Fine for rock gardens.

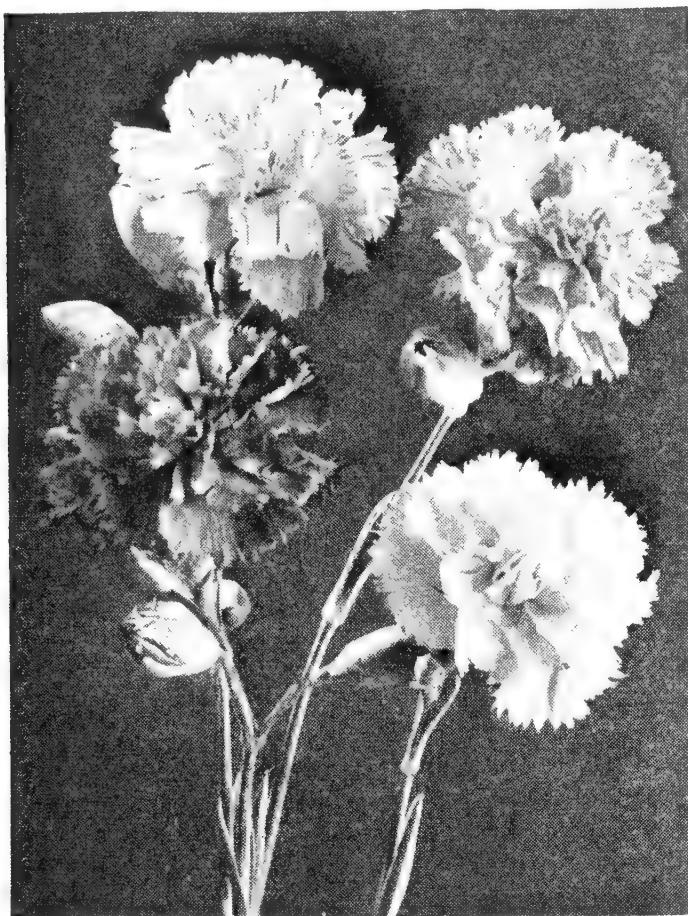
Gibraltarica. White, shading to lavender. 8 in. May.
Pkt. 10c; 1/4 oz. 35c.

Sempervirens. Pure white flowers. 8 in. May.
Pkt. 15c; 1/8 oz. 75c.

CARDINAL CLIMBER (Annual). Vigorous vines, 10 to 15 ft. high. Producing an abundance of small bright red tubular flowers with star-shaped rim. Sow seed in spring after danger of frost. Germination 10 days.
Pkt. 10c; 1/4 oz. 50c.



Dwarf Coxcomb



Chabaud's Carnation

CARNATION. Their spicy fragrance and bright colors make them a great favorite. Fine for cutting. Seed sown in late summer will bloom the following spring. Germination 7 to 15 days.

Chabaud's Giant. Dark red, deep rose, white or mixed.

Pkt. 15c; $\frac{1}{8}$ oz. 50c.

Marguerite. Double flowers on good 14 in. stems. Needs protection in winter. Mixed colors.

Pkt. 10c; $\frac{1}{8}$ oz. 35c.

Grenadin (Perennial). This carnation has no equal for profuse blooming and hardiness. Double or semi-double blooms. Very fragrant. Scarlet, white, pink or mixed colors.

Pkt. 15c; $\frac{1}{16}$ oz. 35c.

CELOSIA (Coxcomb) (Annual). Vivid blossoms, some like graceful plumes, others forming dense clusters corrugated and frilled at edges. Sow seed outdoors in spring, after the ground is warm. Thin or transplant to 12 in. apart. Germination 7 to 10 days.

Flame of Fire (Pyramidalis). Perfect pyramidal formed plants 18 to 20 in. high, branching, and each branch has a proportionately sized bright crimson plume at the end.

Pkt. 15c.

Thompson's Magnifica (Plumosa). The finest mixture of feathered Coxcomb. Plants grow $2\frac{1}{2}$ to 3 ft. tall, producing graceful feathery plumes in shades of red and yellow. Mixed.

Pkt. 10c; $\frac{1}{8}$ oz. 35c.

Glasgow Prize (Dwarf Coxcomb). Large broad flower heads resembling a rooster's comb. Color dark crimson with handsome dark green foliage.

Pkt. 10c; $\frac{1}{8}$ oz. 45c.

Dwarf Mixed. Rose, crimson and yellow shades.

Pkt. 10c; $\frac{1}{4}$ oz. 45c.

Celosia Childsi (see Woolflower).

CENTAUREA (Cornflower or Bachelor's Button)

(Annual). One of the most popular annual plants. It will grow anywhere. As a cut flower it is excellent. Seed may be sown in late fall, or early spring where the plants are to bloom. Thin plants to 14 in. apart. Germination 7 to 21 days. 3 ft.

Double. White, blue, rose and mixed.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Imperialis (Sweet Sultan). Large, double finely laciniated flowers on long stems. Desirable cut flower. Height 2 to 3 ft.

Mixed.

Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Americana. "Has everything" that a good garden flower should have. Strong plants, long stems, beautiful rosy-lilac blooms, delightfully fragrant. Good cut flower. Height 3 ft.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Montana (Hardy Cornflower). Dwarf, bushy plants with large deep blue flowers. Blooms very early and intermittently through the season. Height 18 inches.

Pkt. 10c; $\frac{1}{4}$ oz. 50c.

ORNAMENTAL LEAVED CENTAUREA.

Candidissima. For edging beds where light gray-green foliage is desired. 8 in.

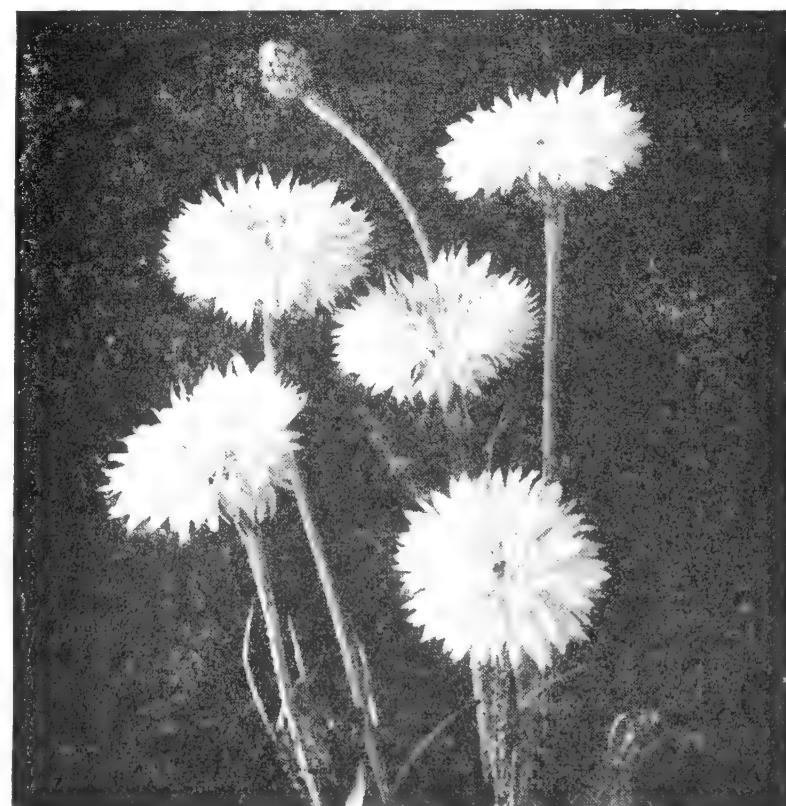
Pkt. 10c; $\frac{1}{8}$ oz. 50c.

CERASTIUM, Tomentosum (Snow in Summer) (Perennial). A rapid growing plant particularly adapted to edgings or rock gardens. Small white flowers are produced in great profusion. Sow seed in early fall, transplant when large enough to handle. Give light protection in winter. Blooms in April. Seed germinates in 10 to 14 days.

Pkt. 15c; $\frac{1}{8}$ oz. 40c.

CHINESE LANTERN (Physalis) (Perennial). An ornamental plant, 2 ft. high, bearing masses of bright orange lantern-like fruits, which can be cut and dried for winter bouquets. Sow seed from May to September. Plants will produce fruits the following season. Germination 14 to 20 days.

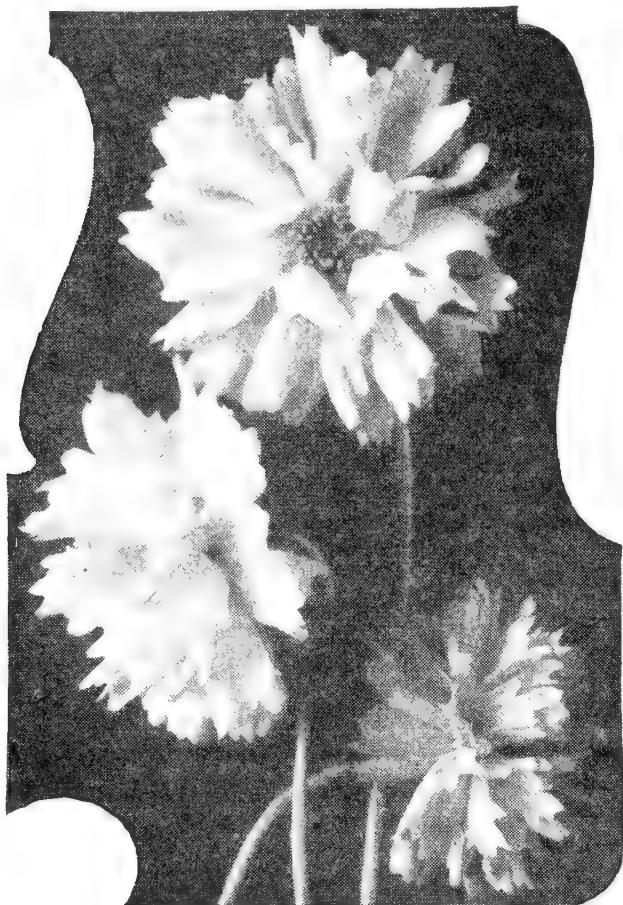
Pkt. 10c; $\frac{1}{8}$ oz. 35c.



Centaurea (Bachelor's Button)

CHEIRANTHUS, Allioni (Siberian Wallflower) (Biennial). This little plant deserves a place in your rock garden or low border. The upright spikes bear many dazzling orange flowers. Though a hardy biennial it flowers the first season from early sown seed. 10 inches. Germination 7 to 12 days.

Pkt. 10c; $\frac{1}{4}$ oz. 30c.



Coreopsis—Double

CHRYSANTHEMUM. May be grown from seed. Will bloom the first season and produce many new types and colors. Sow seed in early spring, transplant when 3 in. high. Germination 8 to 20 days.

Double Mixed. Produces mostly double flowers in many shades of yellow, pink, red and white. 20 in. Half-hardy.

Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Single Mixed. Exquisitely colored daisy-like flowers. Height 1½ feet.

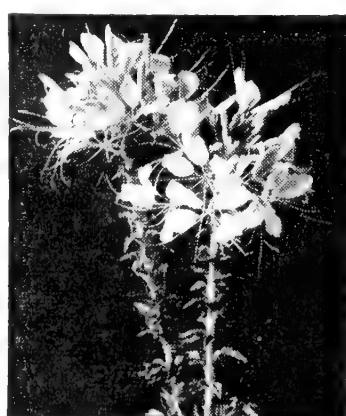
Pkt. 10c; $\frac{1}{4}$ oz. 30c.

CINERARIA (Tender Perennial). Magnificent flowering plants for conservatory or winter garden. Germination 14 to 20 days.

Giant Prize. Semi-dwarf. 14 in. Mixed colors. Pkt. 20c.



Chrysanthemum



Cleome



Cobea Scandens

CLARKIA, Elegans (Annual). A pretty and easily grown annual. Does best in partial shade. Graceful plants with attractive light green foliage and bearing delicately colored double flowers in shades of pink, salmon, rose, and orange. 2 ft. Germination 10 days.

Double Mixed.

Pkt. 10c; $\frac{1}{8}$ oz. 30c.

CLEOME, Gigantea (Spider Plant) (Annual). Among the shrubs or in the background where something attractive is wanted, plant Cleome. It will grow in most any soil and bloom throughout the summer. Sow seed in spring or early summer. Color, rosy-carmine. Height 3 to 4 ft. Germination 10 days.

Pkt. 10c; $\frac{1}{8}$ oz. 35c.

CLIMBERS MIXED. A mixture of annual climbing plants. Many beautiful colors.

Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00.

COBAEA SCANDENS (Cup and Saucer or Cathedral Bells) (Annual). A rapid growing climber with handsome dark green foliage, producing large deep violet bell-shaped flowers. Sow seed in spring when ground gets warm where the plants are to bloom. Height 15 ft. Germination 15 to 20 days.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

COLEUS (Tender Perennial). Ornamental foliage plants. Velvety leaves in many shades of red, green and yellow. Used for edging flower beds, window boxes, etc. Easily grown from seed. Sow in shallow boxes, keep moist and warm. Germination 12 to 20 days.

Rainbow Mixture.

Pkt. 15c; 1/16 oz. 75c.

COREOPSIS (Perennial). Very showy, free blooming plants, easily raised from seed and grow in most any soil. Germination 5 to 10 days.

Lanceolata, Grandiflora. Deep yellow single flowers, growing 2 to 3 feet high, from June to August.

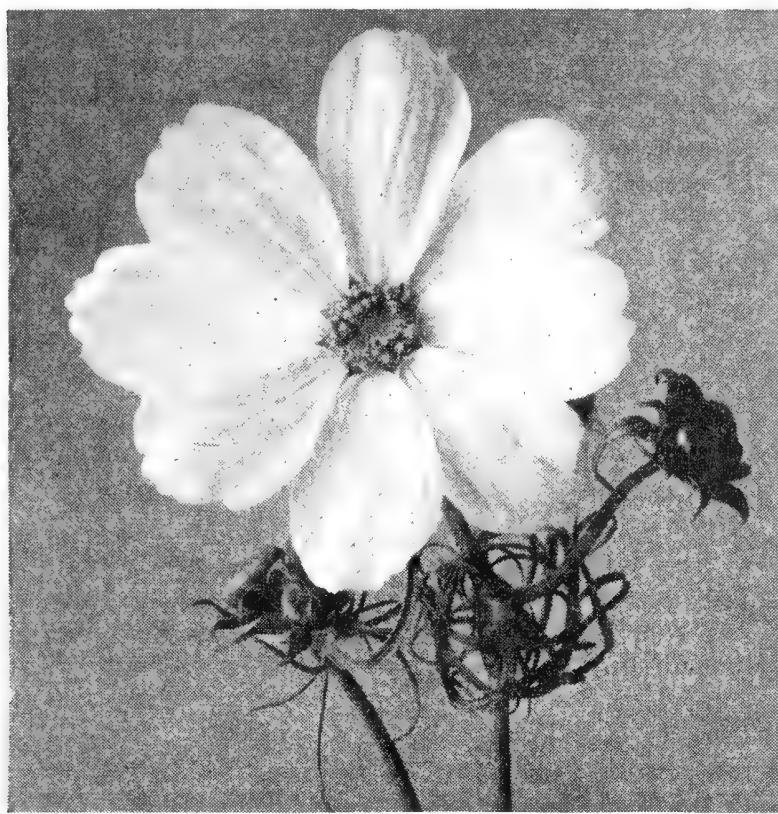
Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Lanceolata, Grandiflora (Double). Same habit as above with double yellow flowers.

Pkt. 15c; $\frac{1}{4}$ oz. 40c.

Mayfield Giant. Large golden yellow daisy-like blooms with fluted petals. Produced on long stems, fine for cutting.

Pkt. 10c; $\frac{1}{4}$ oz. 30c.



Cosmos (Sensation)

COSMOS (Annual). Beautiful plant, growing 3 to 6 ft. in height, producing its attractive flowers from late summer until frost. Excellent cut flowers. Germination 8 to 10 days.

Sensation. Comes into bloom exceptionally early and has the largest flowers of the Cosmos family. 4 ft. **Mixed colors.**

Pkt. 15c; 1/4 oz. 40c.

Mammoth Early Cosmos. The petals are broad-oval, forming a circular flower of perfect symmetry. Height 4 ft. Blooms from late July until frost. **Crimson, pink, white and mixed.**

Pkt. 10c; 1/4 oz. 35c.

Giant Late Blooming. Plant grows 6 to 8 ft. high. Produces many large flowers in beautiful colors from September until frost. **Lady Lenox** (pink); **Lady Lenox** (white); **crimson**.

Pkt. 10c; 1/4 oz. 30c.

Giant Late Mixed.

Pkt. 10c; 1/4 oz. 30c.

Double Crested Cosmos (Early). Height 3 to 5 ft. Double or semi-double flowers with contrasting tuft or crest in center.

Pink, crimson, white or mixed.

Pkt. 15c; 1/8 oz. 35c.

Orange Flare. Vivid orange blooms are produced freely throughout the summer. Good cut flower. Height 2 to 3 ft.

Pkt. 15c; 1/4 oz. 40c.

COTTON (Annual). Grown for winter bouquets. Attractive plants and Hibiscus-like blossoms. Easily grown. Sow seed where plants are to bloom, as soon as ground is warm in spring. Germination 8 to 12 days. 3 ft.

Pkt. 10c; oz. 15c.

CYNOGLOSSUM, Amabile (Chinese Forget-Me-Not)

(Annual). Strong plants, 18 to 24 in. high, producing sprays of intense blue Forget-me-not-like flowers. Good cut flower. Fragrant. Will grow in any garden soil. Germination 6 to 10 days.

Pkt. 10c; 1/4 oz. 35c.

CYPRESS VINE (Ipomoea Quamoclit). A beautiful annual vine, blooming from midsummer until frost. Star-like flowers and beautiful lace-like foliage. Sow seed outdoors in May. Germination 10 to 20 days. 15 ft. **Scarlet or mixed.**
Pkt. 10c; 1/4 oz. 50c.

DAHLIA (Tender Perennial). Seedlings do not come true to color or type. Sow seed early and transplant to open ground when four inches high. Dahlias will bloom the first year from early sown seed, and produce roots that may be dug, stored in sand and planted again the next season. Germination 5 to 20 days.

Cactus Mixed.

Pkt. 15c.

Double Mixed.

Pkt. 10c; 1/8 oz. 75c.

Single Mixed.

Pkt. 10c; 1/4 oz. 35c.

Unwin's Dwarf Dahlias. Plants 2 ft. high, double and semi-double flowers.

Mixed Colors.

Pkt. 25c; 1/8 oz. 50c.

DAISY SHASTA, Alaska (Perennial). Free flowering plants, large white flowers with yellow center. Excellent cut flowers. Seed sown in summer will bloom the following season. Germination 8 to 20 days.

Pkt. 10c; 1/8 oz. 35c.

AFRICAN DAISY (See Dimorphotheca).

ENGLISH DAISY (See Bellis, page 5).

TAHOKA DAISY (See page 22).

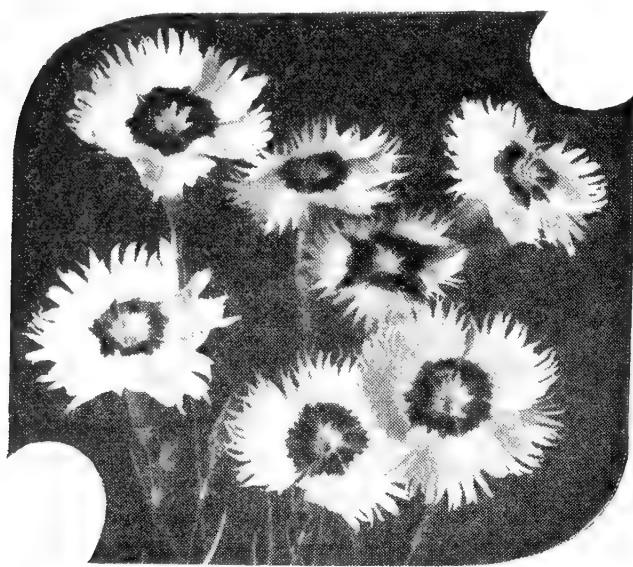
DATURA (Angels Trumpet). An exceedingly fine variety, bearing great trumpet-like flowers 6 to 8 in. long. Sow seed in spring when ground is warm, where they are to grow. Thin to 2 ft. apart. Height 3 ft. Germination 10 days.

Wrightii. White, shaded lavender.

Pkt. 10c; 1/4 oz. 30c.



Shasta Daisies



Dianthus

DELPHINIUM (Perennial). Stately and handsome summer flowering perennials, especially valuable for supplying the garden with shades of blue. Delphiniums require a rich, well drained soil. The plants are best grown in groups. Allow 12 to 18 in. between the plants. Seed sown in early fall will bloom the following spring. Germination 10 to 35 days.

Pacific Giants. The finest Delphiniums. Florets 2½ inches, well spaced in tapering spikes. Mixed colors.

Pkt. 50c; 1/32 oz. 75c.

Blackmore Langdon Hybrids. One of the finest. The flowers are large, are produced on tall erect spikes. Color in delicate shades of blue, mauve and purple.

Pkt. 25c; 1/8 oz. 75c.

Belladonna Improved (Cliveden Beauty). Large spikes, clear light blue flowers. True from seed.

Pkt. 15c; 1/8 oz. 50c.

Bellamousum Improved. A dark blue form of Belladonna.

Pkt. 15c; 1/8 oz. 50c.

English Wrexham (Hollyhock Strain). This mixture contains all the colors in Delphiniums. Graceful spire shaped spikes. Large, single and double flowers.

Pkt. 25c; 1/8 oz. 75c.

St. Louis Seed Co.'s Hybrids. Plants are strong and vigorous, with long spikes and large flowers. The colors range from palest sky blue to purple.

Pkt. 15c; 1/8 oz. 40c.

Chinese Blue. A lovely azure blue Delphinium, flowering the first season, from early sown seed. Height 18 in.

Pkt. 10c; 1/8 oz. 35c.

Chinese Mixed. A mixture containing light blue, dark blue, white.

Pkt. 10c; 1/4 oz. 35c.

DIANTHUS (Pinks) (Annual). Flowers are large and of most brilliant colors, varying from pure white to rich crimson. Many are beautifully laced or striped. Germination 5 to 15 days.

Sweet Wivelsfield. A hybrid cross between Dianthus Allwoodi and Sweet William. Seed started indoors in January and planted out in April will begin flowering in May. Height 10 in.

Pkt. 15c.

Fireball. Large double scarlet flowers. Compact plants. Height 10 in. A continuous bloomer.

Pkt. 10c; 1/8 oz. 35c.

Laciatus Double. Large double or semi-double flowers. Many vivid colors. Blooms all summer. Height 12 in.

Mixed.

Pkt. 10c; 1/4 oz. 35c.

Chinese Double. Flowers in clusters, many bright colors.

Mixed.

Pkt. 10c; 1/4 oz. 30c.

Nobilis Single. Very showy, flowers 2 inches. Many beautifully striped and mottled.

Mixed.

Pkt. 10c; 1/8 oz. 35c.

Perennial Dianthus (Grass or Spice Pinks).

Allwoodi. Flowering continuously from April until October. Mixed colors, double and semi-double flowers. Height 6 in.

Pkt. 20c.

Caesius Grandiflora (Cheddar Pinks). Plants form dense tufts, bright rose pink, sweet scented. Flowers produced in May and June. Height 4 in.

Pkt. 15c; 1/4 oz. 50c.

Deltoides (Maiden Pink). A compact plant, producing, in May, many fragrant rose pink flowers. Height 8 in.

Pkt. 15c.

Latifolius. Double scarlet. A continuous bloomer.

Pkt. 10c.

Plumarius, Cyclops. Single flowers, deep rose with crimson eye. Very fragrant. A continuous bloomer. Height 8 in.

Pkt. 10c.

Plumarius, Single (Pheasant's Eye). A mixture containing all shades. Noted for its fragrance. Height 10 in.

Pkt. 10c; 1/4 oz. 35c.

Plumarius, Double. Same as above with double flowers.

Pkt. 10c; 1/8 oz. 35c.

Westwood Beauty (All American selection for 1946). It grows 12 to 15 inches high, flowers similar to the largest flowering Chinensis varieties. Color ranges from fiery crimson red to a very deep velvet-red.

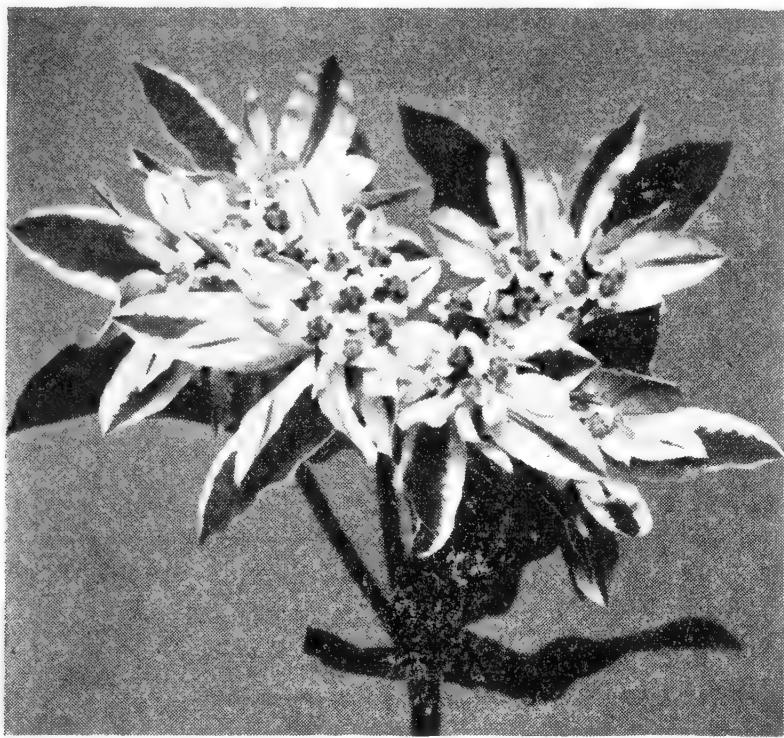
Pkt. 25c.

DICTAMNUS (Gas Plant) (Perennial). A very showy border plant, growing 3 ft. high, producing spikes of curious white and pink striped flowers. Sow seed in open in fall. They will germinate next spring. Transplant to permanent place the following fall. It is not advisable to disturb the plants very often, as they improve with age, producing taller flower stems and more of them as the plants grow older.

Pkt. 15c.

DIDISCUS, Coeruleus (Blue Lace Flower) (Annual). An easily grown annual. Seed sown in early spring will bloom from July until frost. The lacy flowers are lavender blue and are fine for cutting. Germination 12 to 20 days.

Pkt. 10c; 1/4 oz. 35c.



Euphorbia (Snow-on-the-Mountain)

DIGITALIS (Foxglove) (Perennial). Handsome plants. Have tall spikes of showy flowers during June and July. Sow seed in early summer, transplant to where plants are to bloom in fall. Protect in winter with coarse material that will not pack. Height 3 to 5 ft. Germination 10 to 15 days. Mixed.

Pkt. 10c; 1/8 oz. 30c.

DIMORPHOTHECA (African Golden Daisy) (Annual). Spreading plants, producing many large daisy-like blossoms. Sow seed in spring or early summer in sunny position. Dark centers common to all varieties enhance their beauty. Germination 10 to 20 days.

Mixed. Pkt. 10c; 1/8 oz. 30c.

DOLICHOS (Hyacinth Bean) (Annual). A rapid growing climber, producing spikes of pea-like flowers and deep green heart-shaped leaves. Sow seed in spring where they are to bloom. Height 15 ft. Germination 8 to 12 days.

Purple, White, Mixed.

Pkt. 10c; oz. 25c.

ECHINOPS (Globe Thistle) (Perennial)

Ritro. Striking hardy plants, with handsome silvery thistle-like foliage and fine steel-blue flowers in round heads, which can be used for cutting. 2 to 3 feet. July.

Pkt. 10c; 1/4 oz. 35c.

ESCHSCHOLTZIA (California Poppies) (Annual).

When grown in masses, scarcely any plant produces a greater effect. Sow seed in late fall or very early spring where they are to bloom. Plants grow from 15 to 20 in. in diameter and are 12 in. high, blooming in 60 days after germination.

Californica. Bright yellow.

Pkt. 10c; 1/2 oz. 35c.

Carmine King. Carmine rose.

Pkt. 10c; 1/2 oz. 35c.

Ramona. Coppery orange (frilled petals).

Pkt. 10c; 1/8 oz. 50c.

Mixed.

Pkt. 10c; 1/2 oz. 35c.

EUPHORBIA (Poinsettia) (Annual).

Variegata (Snow on the Mountain). Green foliage, margined white. Grows well in poor, dry soil. Height 2 to 4 ft.

Pkt. 10c; 1/2 oz. 35c.

Heterophylla (Mexican Fire Plant or Summer Poinsettia). A garden plant resembling the beautiful hothouse Poinsettia. Easily grown from seed in sunny garden. May be used for pot plant. Height 2 1/2 ft. Germination 8 to 12 days.

Pkt. 10c; 1/4 oz. 35c.

EVERLASTING or STRAWFLOWER MIXTURE (Annual). A fine mixture for the garden. If cut when partially opened and dried slowly in cool place, heads downward, to keep the stems straight, they make good winter bouquets. Sow seed in spring, after ground is warm. Germination 5 to 15 days.

Pkt. 10c; 1/2 oz. 35c.

FEVERFEW (Matricaria). These are perennials, usually treated as annuals. Seed sown in early spring will bloom the first season. The small double flowers are ideal for cutting. Blooms from June to October. Germination 10 to 15 days.

Double White. Height 2 ft.

Pkt. 10c; 1/4 oz. 35c.

Golden Ball. Height 10 in.

Pkt. 10c; 1/8 oz. 35c.

FOUR O'CLOCK (Marvel of Peru) (Annual). Bushy plants, 2 1/2 ft. high, suitable for growing as a hedge. The flowers open in late afternoon and remain open all night, closing the next morning in the heat of the sun. They will grow in any garden soil and bloom all summer. Germination 8 to 20 days.

Mixed Colors.

Pkt. 10c; oz. 30c; 1/4 lb. 90c.

FORGET-ME-NOT (Myosotis) (Tender Perennial). Beautiful deep green foliage, above which rise pretty clusters of dainty little blossoms. They are quite hardy, although do need some protection in severe weather. Best planted in moist partially shaded places. Sow seed in late summer and transplant, when plants are large enough to handle, 4 inches apart. Move to where they are to bloom very early in spring. Germination 10 to 15 days.

Indigo Blue. Flowers produced in sprays 8 in. long. Fine for cutting.

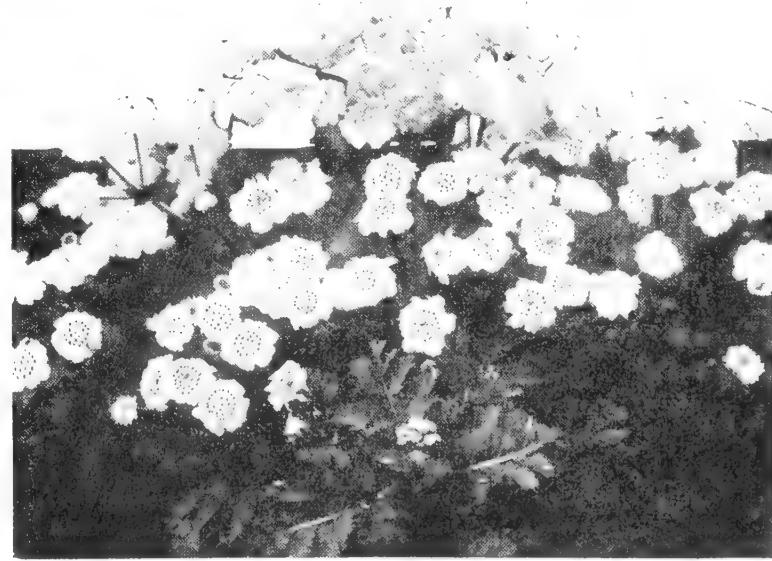
Pkt. 10c.

Palustris semperflorens. An everblooming variety beginning in May and June. An excellent variety for rock garden. Large, clear blue, 8 inches.

Pkt. 15c.

Victoria Blue (dwarf). Bright azure blue. Very early. 8 inches.

Pkt. 15c.



Feverfew



Godetia

FUCHSIA (Eardrops) (Tender Perennial). Used as indoor pot plants, also outdoors in moist places. Height 2 ft.

Mixed. Pkt. 25c.

GAILLARDIA (Perennial). Showy garden plants, producing from early summer until frost, gaily colored flowers, on long stems, suitable for cutting. Very easily grown from seed, which germinates in 5 to 10 days and blooms the first season.

Burgundy. Wine red blooms 2½ in. in diameter on straight stems. Free bloomer.

Pkt. 10c; 1/8 oz. 35c.

Portola Hybrids. Large, bright yellow flowers with bronzy red center.

Pkt. 15c; 1/8 oz. 40c.

Dazzler. Often 4 in. in diameter. Color bright golden yellow with rich maroon red center. It is constantly in bloom.

Pkt. 10c; 1/8 oz. 30c.

Compacta Mixed. Bushy plants, flowers well above the foliage.

Pkt. 10c; 1/4 oz. 35c.

Blanket Flower (Annual). Splendid showy annuals, remarkable for the profusion and brilliancy of their flowers, continuing in bloom from early summer till November. 1½ ft.

Double mixed or single mixed.

Pkt. 10c; 1/4 oz. 35c.

GERANIUMS (Tender Perennial). Usually propagated from cuttings, but readily grown from seed, which is the only way of discovering new varieties. Sow seed in flats indoors, transplant to open ground in April or May. Well drained soil. Germination 8 to 12 days. Height 18 in.

Zonale Mixed.

Pkt. 10c; 1/16 oz. 50c.

GERBERA (Transvaal Daisy) (Tender Perennial).

Jamesoni Hybrids. Daisy-like flowers are produced on leafless stems. Colors, pale amber, yellow, salmon, rose and ruby. Plant in full sun, in moist, peaty soil. Should be protected carefully during winter. Germination 20 to 30 days.

Pkt. 25c.

GEUM (Perennial). Beautiful plants producing many attractive double flowers on good stems. Plant in good garden soil that is well drained. Plants should be protected in winter with coarse material that will not pack. Germination 6 to 10 days.

Lady Stratheden. Golden yellow.

Pkt. 15c; 1/8 oz. 45c.

Mrs. Bradshaw. Orange scarlet.

Pkt. 15c; 1/8 oz. 45c.

GILIA, Capitata. Attractive plants with bright blue globular flower heads. Grow in most any soil and begin to bloom in 10 to 12 weeks after sowing. Germination 6 to 10 days.

Pkt. 10c; 1/4 oz. 30c.

GODETIA (Annual). Do best in rather poor soil and partial shade. The satiny azalea-like flowers, in many colors, make good cut flowers. Height 12 in. Germination 6 to 10 days.

Mixed.

Pkt. 10c; 1/4 oz. 35c.

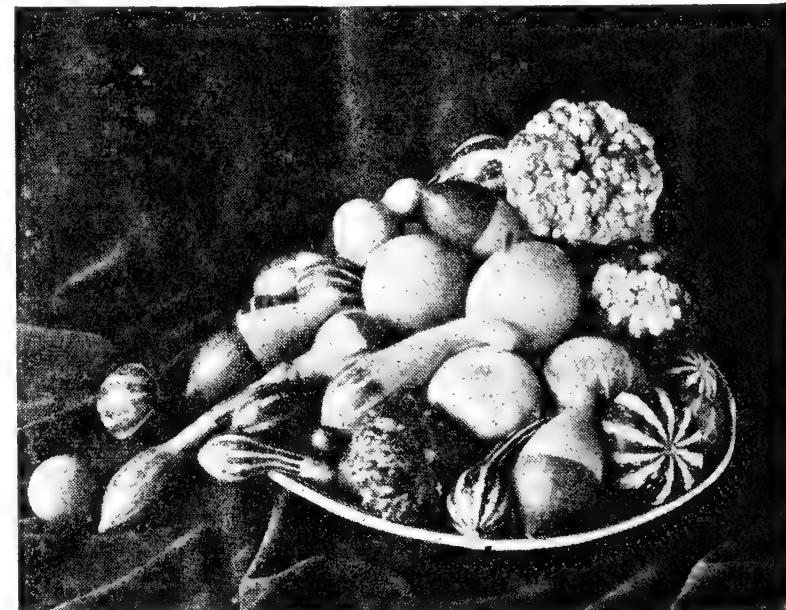
GOMPHRENA (Globe Amaranth or Bachelors Buttons) (Annual). They are sometimes called Everlasting Flowers, that resemble clover heads. Used for winter bouquets when dried. Height 15 in. Germination 10 days.

Purple.

Pkt. 10c; 1/4 oz. 30c.

Mixed.

Pkt. 10c; 1/4 oz. 30c.



Mixed Gourds

GOURLDS, Ornamental (Annual). Rapid growing vines for covering screens or arbors. The fruits are used for table decorations and other ornamental purposes. Plant seeds where they are to grow, in spring, after ground is warm. Germination 5 to 15 days.

Calabash. Used for making pipes.

Dipper. Easily made into long handled dipper.

Dishcloth. The spongy interior makes excellent dish or bath cloths.

Hercules Club. The longest of all gourds.

Japanese Nest Egg. Used for making wren houses.

Sugar Trough. Bottle-shaped fruits with thick durable skin. Any of above:

Pkt. 5c; 1/2 oz. 25c.

Small Varieties. Mixed. Pkt. 10c; 1/2 oz. 25c.

GREVILLEA, Robusta (Silver Oak) (Tender Perennial). A graceful decorative pot plant with fern-like foliage. 3 ft. Easily grown from seed. Germination 10 days.
Pkt. 10c.

GYPSOPHILA (Baby's Breath). Graceful plants much in demand for cutting and combining with other flowers. They will grow in any soil that is not too heavy and has been limed. Plant in sunny position. Germination 8 to 20 days.

Paris Market. White. Annual.
Pkt. 10c; 1/2 oz. 30c.

Paniculata. Single white flowers in July. 3 ft. Perennial.
Pkt. 10c; 1/2 oz. 35c.

Paniculata Fl. Pl. Double white flowers in July. 3 ft. Perennial.
Pkt. 15c; 1/8 oz. 75c.

Pacifica. Double rose-colored flowers in August. 3 1/2 ft. Perennial.
Pkt. 15c.

Repens (Perennial). Dwarf Baby's Breath for rock gardens. 6 in. Blooms in June. Pink and white mixed.
Pkt. 10c; 1/8 oz. 40c.

HELIANTHUS, Orygalis (Column Flower) (Perennial). Before blooming the plants are wide pillars of deep green waving foliage, then quickly they double in height, each stem topped with a branching panicle of bright golden yellow flowers. Seed may be sown any time. Germination 20 to 30 days.
Pkt. 15c.

HELIANTHEMUM, Mutabile (Rock or Sun Rose) (Perennial). Dwarf shrubby plants for a sunny place in the rock garden. Soil should be sandy and well drained. Flowers in rose, pink and white in May and June. Sow seed in late summer and these plants will bloom the next spring. Height 10 in. Germination 14 to 20 days.
Pkt. 10c; 1/16 oz. 30c.



Hollyhock Types: Left, Double Chater's; Right, Imperator

HELICHRYSUM (Annual). Most popular of the everlasting flowers. Sow seed early. Transplant to open, when ground is warm. Flowers should be cut when half open and hung head down to dry. Height 3 ft. Germination 5 to 10 days.

Mixed Colors.

Pkt. 10c; 1/4 oz. 35c.

HELIOPSIS, Lemoine (Perennial). A desirable hardy plant, growing 3 to 4 ft. high, producing semi-double golden yellow, daisy-like flowers. Will bloom the first season from early sown seed. Easily grown. Blooms from June to September. Germination 10 days.
Pkt. 15c.

HELIOTROPE (Tender Perennial). Delightfully fragrant flowering plants, growing 18 in. high. For pots or outdoor bedding.

Giant Mixed.

Pkt. 10c.

HEUCHERA, Sanguinea Splendens (Perennial). The plants make low compact mats of deep green leaves tinged red from which rise slender stems with clusters of tiny coral pink bell-like flowers. Height 12 in. Bloom in May and June. Germination 12 to 20 days.
Pkt. 15c.

HOLLYHOCK (Althea) (Perennial or Biennial). Showy plants 4 to 8 ft. tall, blooming during June and July. Excellent background for lower growing plants. Seed sown in late summer will bloom the following spring. Easily grown.

Chater's Superb Double. An extra fine strain.

Crimson	Maroon
Yellow	Deep Rose
Newport Pink	Mixed
White	
Pkt. 10c; 1/4 oz. 50c.	

Imperator. Large flowers, frilled and deeply fringed petals. In the center is a very double rosette.

Mixed Colors.

Pkt. 15c; 1/8 oz. 35c.

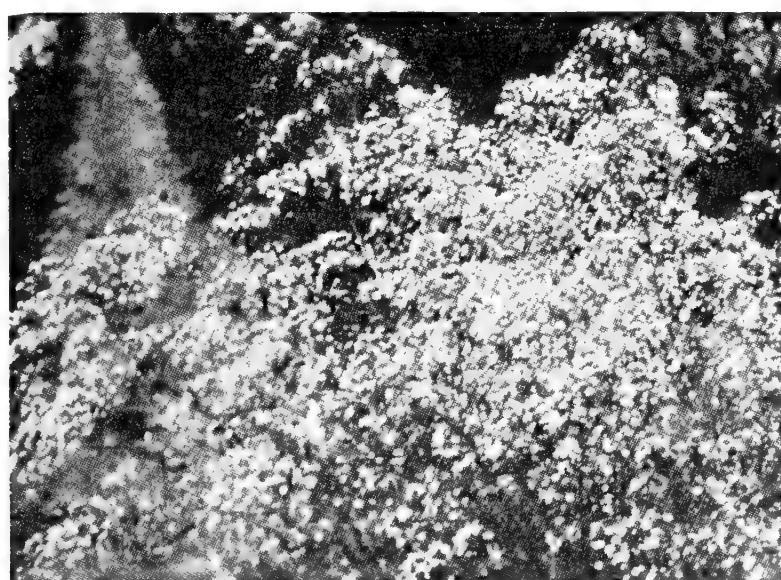
Single Flowered. Flowers large, plants tall and very hardy.

Mixed.

Pkt. 10c; 1/2 oz. 35c.

Double Everblooming. Mixed Colors.

Pkt. 10c; 1/4 oz. 35c.



Gypsophila

HIBISCUS (Mallow) (Perennial). Large flowers are produced on strong plants 4 ft. high. Flowers in shades of red, pink, rose and white. Bloom in August and September. Seed sown in fall will germinate the following spring. A moist, well drained soil suits them best.

Mixed Colors.

Pkt. 10c.

HONESTY, Lunaria (Moonwort or Dollar Plant) (Biennial). This plant is grown for its seed pods which, when dried, are used for winter bouquets. Plant in fall or very early spring in ordinary garden soil. Plants should be 18 to 24 in. apart for proper development. Height 3 ft. Germination 15 days.

Pkt. 10c; 1/8 oz. 30c.

HUNNEMANNIA, Fumariaefolia (Santa Barbara Poppy) (Annual). The plants grow into a shrubby bush 1 1/2 ft. high and produce large golden yellow poppy-like flowers on good stems for cutting. Easily grown in sandy, well drained soil that has been limed. Sow seed where they are to bloom.

Pkt. 10c; 1/4 oz. 45c.



Lychnis, Chalcedonica

ICE PLANT (Mesembryanthemum Crystallinum) (Annual). Flat, fleshy leaves covered with glistening crystal-like dots. Small flowers, white to rose pink. Sow seed in mixture of sand and peat. Transplant when large enough to handle. Spreading plants, 4 to 6 in. high. Germination 6 to 10 days.

Pkt. 10c; 1/8 oz. 30c.

IMPATIENS SULTANA (Tender Perennial).

The Zanzibar, or Sultan's Balsam. Ideal for either pot or garden culture; a tender perennial that cannot be surpassed. Mixed. 1 1/2 feet. Pkt. 15c.

IRIS (Giant Bearded Mixed). Growing Iris from seed is very interesting, and you may produce some that may be worth naming and introducing. They are easy to grow from seed. Germination is irregular but most of them are sure to come. Iris seed need a low soil temperature before germinating. Sow outdoors in fall or very early spring, cover with 1/2 inch of soil. Most of them will bloom the following spring. Pkt. 25c.

KOCHIA (Fire Bush) (Annual). The plants develop rapidly, forming perfect globes of green feathery foliage, which turn red after frost. Will grow in any soil. Used as an annual hedge. 2 to 3 ft. Germination 8 to 12 days.

Pkt. 10c; 1 oz. 25c.

KUDZU VINE (Perennial). Large heart-shaped leaves, with clusters of rosy purple pea-shaped flowers. Tops die back in winter but new shoots appear early the next season. Germination 60 to 180 days.

Crop failed.

KUDZU CROWNS (Plants) available in February and March. Write for prices.

LANTANA HYBRID (Tender Perennial). A rapid growing plant bearing small flowers in clusters. Used for pots, window boxes or in the garden. Seed germinates slowly, sometimes requiring several months. It is best to start indoors in January or February.

Mixed.

Pkt. 10c; 1/8 oz. 35c.

LARKSPUR (Annual Delphinium). Unsurpassed for massing in the border or as a cut flower. Sow seed any time from September to April in open ground. Normal germination 15 to 25 days.

Double Stock Flowering. 3 to 4 ft. tall, producing many fine spikes for cutting.

Dark Blue	Sky Blue
Rosy Scarlet	Rose
Lilac	LaFrance Pink
White	Rosamond
Carmine	

Pkt. 10c; 1/4 oz. 35c.

Mixed.

Pkt. 10c; 1/4 oz. 35c.

Giant Imperial Branching. Flower stems 3 to 4 ft. long and branch from the base of the plant.

Blue Spire. Deep blue.

Exquisite Pink. Soft pink.

White King. Pure white.

Giant Imperial Mixed.

Pkt. 15c; 1/4 oz. 50c.

LAVATERA, Rosea Splendens (Annual Mallow). A showy annual, growing about 2 ft. high, producing hibiscus-like flowers all summer. Color, deep rose pink. Very easily grown in any garden soil. Blooms quickly from seed. Germination 8 to 12 days.

Pkt. 10c; 1/4 oz. 45c.

LEPTOSIPHON HYBRIDS (Annual). A tiny plant with dainty little flowers of every imaginable color. Seed should be sown where plants are to bloom. Easily grown in most any soil. Germination 10 days.

Pkt. 10c; 1/4 oz. 35c.

LILY REGALE (Perennial). The flowers are white, slightly suffused with pink outside. The throat inside is a beautiful shade of canary yellow. Bloom in June. Sow seed in light soil, cover with sand. Seed will germinate in 10 to 20 days. Transplant to permanent place in fall or early spring. Seedlings will bloom in their second year. Height 3 ft.

Pkt. 15c; 1/8 oz. 40c.

LINARIA, Maroccana (Fairy Bouquet) (Annual). Dainty flowers resembling miniature snapdragons. Compact plants 12 to 16 in. high. Bloom in 8 weeks from seed. Germination 6 to 10 days.

Pkt. 15c; 1/8 oz. 40c.

LINUM (Scarlet Flax) (Annual). Produces clusters of saucer-shaped flowers of bright scarlet with dark centers. Height 15 in. Sow seed early in spring where they are to bloom. Germination 10 days.

Pkt. 10c; $\frac{1}{4}$ oz. 30c.

LINUM PERENNE (Blue Flax) (Perennial). A very desirable plant for the hardy border. Light green foliage with light blue flowers from May until August. Germination 8 to 12 days.

Pkt. 10c; $\frac{1}{4}$ oz. 30c.

LOBELIA (Annual). A very effective dwarf garden plant. All differ in habit. All annuals have blue flowers. Plants grow 4 to 6 in. high. Seeds are very small. Sow in flats of fine soil and peat moss. Transplant when seedlings have two leaves. Germination 8 to 15 days.

Crystal Palace Compacta. Dainty deep blue flowers and bronze foliage.

Pkt. 10c; $\frac{1}{8}$ oz. 60c.

Florist's Favorite Compacta. Brilliant dark blue, with white eyes.

Pkt. 10c; $\frac{1}{8}$ oz. 60c.

Sapphire (Trailing Lobelia). Flowers are rich purplish blue with white eye. Valuable for rock garden and hanging baskets.

Pkt. 15c; $\frac{1}{8}$ oz. 60c.

LUPINUS, Hartwegi (Annual). Annual Lupines are among the most useful garden flowers for either border or house decoration. Pea-like flowers produced on spikes 2 to 3 ft. high. Prefer partial shade and light soil. Lupine seed should be inoculated with Nitragin before planting.

Mixed.

Pkt. 10c; $\frac{1}{4}$ oz. 30c.

LUPINUS (Perennial). Stately spikes 3 to 4 ft. tall. Do best in a sheltered, well drained position.

Blue, white, rose and mixed.

Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Russell's Lupines. Pea-like flowers closely set on spikes 3 to 4 ft. tall. All flowers open at once. Many new colors never before seen in Lupines.

Pkt. 25c.

LYCHNIS, Chalcedonica (Jerusalem Cross) (Perennial). Easily grown. Attractive plants. Fiery red flowers in clusters from June to August. Height 3 ft. Plants grow in any garden soil. Very hardy.

Pkt. 10c; $\frac{1}{4}$ oz. 40c.

MARIGOLDS, Tagetes (Annual). No garden is complete without Marigolds. They are easy to grow and bloom profusely from midsummer until frost. Sow seed in garden when ground is warm in spring. Transplant when 3 in. high. Germination 4 to 10 days.

Signata Pumila. A dwarf Marigold, 6 to 8 in. high, covered with small bright yellow flowers with brown stripe down center of each petal.

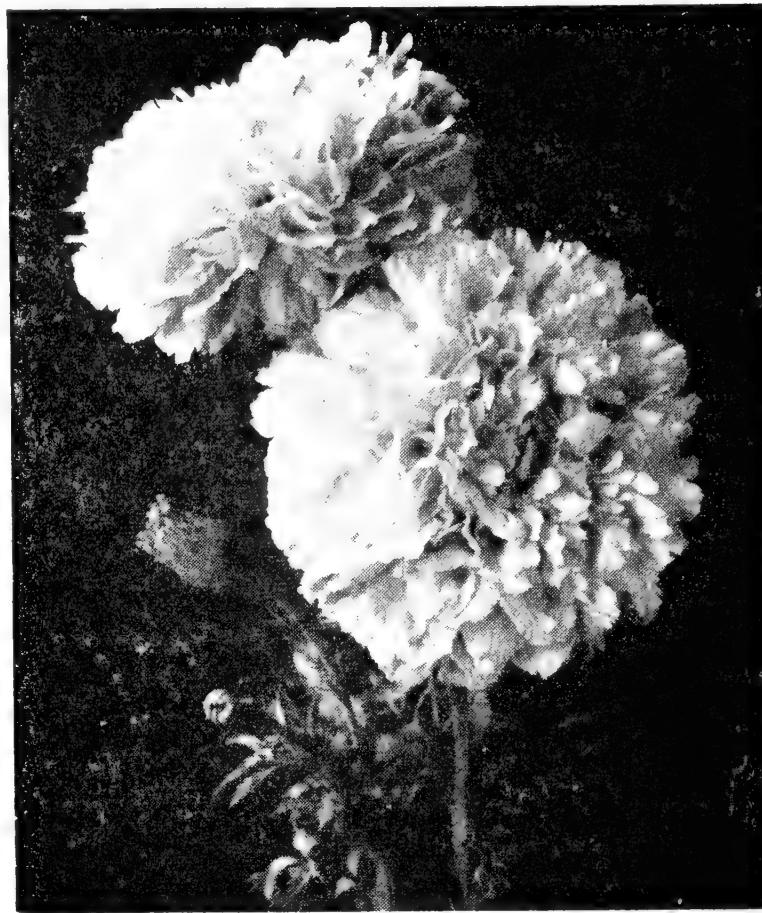
Pkt. 15c; $\frac{1}{8}$ oz. 35c.

Crown of Gold. An orange Marigold, winner of All-America Gold Medal, 1937. The blossoms have short, curled and quilled center petals, surrounded by flat drooping outer petals. The foliage is odorless.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Guinea Gold. Deep golden yellow, carnation-like flowers. Height 2 to 2 $\frac{1}{2}$ ft.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.



Marigold, Yellow Supreme

Lemon Queen. Tall plants, bearing double quilled petaled flowers. Color lemon yellow. Height 3 to 4 ft.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Orange Prince. Plant growth the same as Lemon Queen. Has bright orange flowers.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Yellow Supreme. Light yellow blossoms, 3 in. in diameter with broad quilled petals.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Double Tall Mixed.

Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Flash (All-America). Gives an amazing flash of color all summer and fall. A bright combination of colors ranging from vivid red through bronze with a few yellow flowers to give harmonious contrast to the massed brilliance of the fiery plant.

Pkt. 25c.

MARIGOLDS, Dwarf French.

Legion of Honor (Little Brownie). Single bright yellow blossoms with dark blotch on each petal. Compact plants, 12 in. high.

Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Harmony. Compact plants 14 in. high, double blossoms, center petals bright orange surrounded by 4 or 5 rows of reddish brown outer petals.

Pkt. 15c; $\frac{1}{4}$ oz. 35c.

Golden Ball. Fully double flowers, deep golden yellow. Height 12 in.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Dwarf Royal Scott. Double flowers in profusion, color alternate mahogany and gold. Height 15 in.

Pkt. 15c; $\frac{1}{4}$ oz. 35c.

Monarch Strain Double Mixed. Fully double flowers, mostly mahogany, striped or edged with yellow.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

MATTHIOLA, Bicornis (Evening Scented Stock)

(Annual). Many small mauve colored flowers resembling those of single Stock. Fragrant in the evening or after a shower. Sow seed in early spring where they are to bloom. Light well drained soil is best. Germination 10 to 14 days.

Pkt. 10c; 1/4 oz. 35c.

MIGNONETTE (Reseda) (Annual). A well known annual producing dense cone-shaped flower spikes of thickly set florets. Sow seed where plants are to bloom. Very fragrant. Rich light soil and partial shade is best. Germination 8 to 12 days.

Defiance. Flower spikes 12 in. long and will keep for days after cutting, holding their fragrance.

Pkt. 10c; 1/4 oz. 35c.

Golden Machet. Golden yellow spikes 9 in. long. Pkt. 10c; 1/4 oz. 35c.

Red Goliath. Spikes 6 to 8 in. long, rose colored. 2 1/2 in. in diameter.

Pkt. 10c; 1/4 oz. 35c.

Large Flowering Mixed.

Pkt. 10c; 1/2 oz. 30c.

MARVEL OF PERU (See Four O'Clock).

MORNING GLORIES (Ipomoea) (Annual). Rapid growing climbers that will grow in any soil. Seed will germinate better if they are soaked in warm water 24 hours before planting.

Cornell. Large blooms 4 in. in diameter. They are an intense shade of Cornelian red with a border of pure white. Plants begin to bloom when 3 ft. high and continue until killed by frost. Foliage bright green.

Pkt. 15c; 1/4 oz. 35c.

Heavenly Blue (Early Flowering). Flowers 2 1/2 to 3 in. across. Sky blue with white throat. Profuse bloomers during a long season.

Pkt. 10c; 1/2 oz. 40c.

Imperial Mixed. Flowers very large, colors shades of red, pink, blue, mostly edged in white.

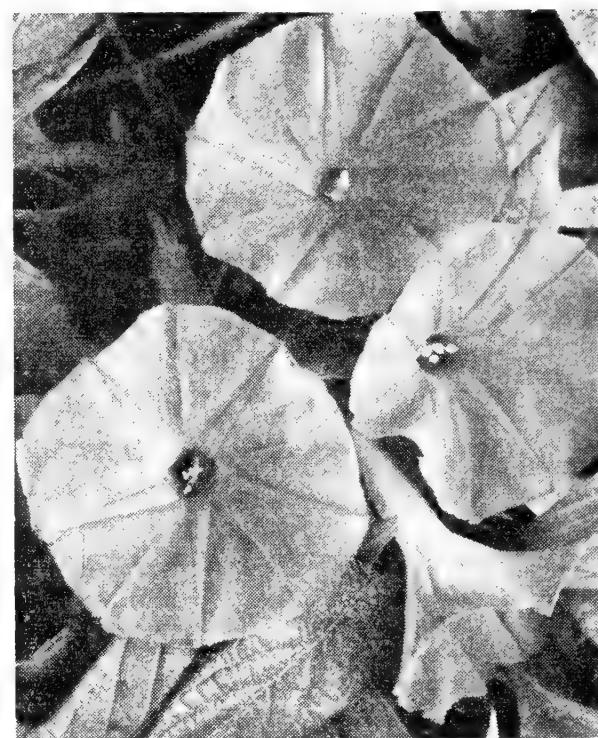
Pkt. 10c; 1/2 oz. 30c.

Pearly Gates. Mammoth pure white flowers against the luxurious growth of dark green heart-shaped leaves, make a truly impressive sight. An early free bloomer.

Pkt. 15c; 1/4 oz. 45c.

Scarlett O'Hara. Rich, dark, wine-red flowers are 4 in. in diameter. A free bloomer. A rapid growing vine.

Pkt. 15c; 1/4 oz. 45c.



Morning Glory, Scarlet O'Hara

MOONFLOWER (Ipomoea) (Annual).

White. One of the most vigorous summer climbers. Under favorable conditions the plants will grow 30 to 40 ft. In the evening and on cloudy days the plants are covered with large, white fragrant flowers. Soak seed 24 hours before planting.

Pkt. 10c; 1/2 oz. 30c.

Blue. A strong variety with broad smooth leaves and lilac-blue flowers.

Pkt. 10c; 1/2 oz. 30c.

Pink. Soft lilac-pink flowers.

Pkt. 10c; 1/2 oz. 30c.

NASTURTIUM (Annual). These free flowering plants bloom best in soil that is not too rich. They come in a great variety of colors. Sow seed in open, 10 in. apart, after ground is warm. Germination 7 to 12 days.

Golden Gleam. The golden yellow flowers are double and delightfully fragrant. The stems are long and wiry, making them an ideal cut flower. Height 18 in.

Pkt. 10c; oz. 30c; 1/4 lb. \$1.00.

Scarlet Gleam. Same growth and habit as Golden Gleam with orange-scarlet flowers.

Pkt. 10c; oz. 30c; 1/4 lb. \$1.00.

Gleam Hybrids. Colors range from pale yellow to scarlet.

Pkt. 10c; oz. 30c; 1/4 lb. \$1.00.

Shaws Garden Hybrid. A fine mixture of many brilliant colors. Flowers are large; on good stems held well above the foliage. Dwarf.

Pkt. 10c; oz. 25c; 1/4 lb. 90c.

Hybrids of Madam Gunther. Plants about 6 ft. tall. There are many beautiful colors. Used for trellises or to trail over banks.

Pkt. 10c; oz. 25c; 1/4 lb. 90c.

NEMESIA. Dainty flowers in many bright colors, often the lower part of the flower contrasts in color with the upper part. Plants low and compact. Germination 10 to 14 days. Height 6 in.

Mixed Colors.

Pkt. 15c; 1/8 oz. 50c.



Nasturtium



Pansies

PANSIES. Seed sown in late August and September will make fine plants and bloom the following spring. May also be planted in spring for summer and fall blooms. Sow seed in well pulverized soil, cover lightly and keep moist at all times. A situation sheltered from high wind and exposed to morning sun is most favorable. Frequent sprinklings are advantageous.

Steele's Jumbo Mixed. These are the largest flowered of all pansies. This splendid mixture contains all colors.

Pkt. 50c; 1/16 oz. \$1.25; 1/8 oz. \$2.25.

Swiss 400 Mixed. A grand mixture. Huge jewels of velvet red and gold with variations of those colors.

Pkt. 35c; 1/16 oz. 85c.

Miracle Mixed. A superior mixture containing the finest types.

Pkt. 25c; 1/16 oz. 75c.

Imperial Giant Mixed. They embrace all the solid or self-colors delicately shaded, of various colors, dark and light marble with clear, distinct eyes.

Pkt. 15c; 1/16 oz. 60c.

Viola Cornuta (Tufted Pansies) (Perennial). Few plants are of more general usefulness in the garden or possess more good qualities than the *Viola Cornuta*.

Light blue
Yellow

Pkt. 10c; 1/8 oz. 75c.

Dark blue
Mixed

Violet (Sweet Scented) (Perennial). Seed is of slow germination and should be sown in the Fall and left outdoors.

Viola Odorata (Semperflorens). Is the well known English Violet. Succeeds best in a partially shaded, moist place. 4 inches. April and May.

Pkt. 15c; 1/16 oz. 40c.

NEMOPHILA (Annual). Nemophilas are dwarf compact plants and produce an abundance of showy bell-shaped flowers from spring to late summer. Colors in shades of blue and white. Thrive in moist shady places. Sow seed where they are to bloom. Height 6 in. Germination 8 to 12 days.

Mixed.

Pkt. 10c; 1/2 oz. 35c.

NICOTIANA (Ornamental Tobacco) Annual. The graceful stems, slightly branching, rise above vivid green leaves and bear beautiful trumpet-like flowers which are delightfully fragrant. Sow seed early indoors and transplant or sow outdoors when ground is warm. Will grow in any garden soil. Germination 5 to 12 days.

Affinis Hybrids. A variety of colors, including white, lavender, purple, rose and red. Height 2 1/2 ft.

Pkt. 10c; 1/4 oz. 30c.

Affinis White. Pure white fragrant flowers. A continuous bloomer.

Pkt. 10c; 1/4 oz. 30c.

Sanderae. Bushy plants 2 ft. high, producing an abundance of carmine red flowers all summer.

Pkt. 10c; 1/4 oz. 35c.

NIEREMBERGIA (Annual).

Hippomanica. A dwarf-growing plant with lavender blue blossoms with a touch of yellow at the center. Foliage fine, bright green. Plants begin to flower when 2 in. high and continue until frost in spite of drought and heat.

Pkt. 15c.

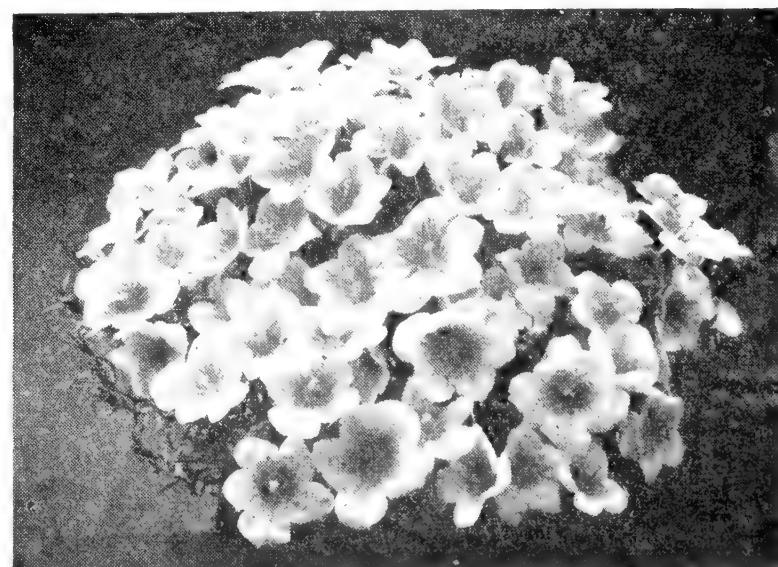
NIGELLA (Love In a Mist) (Annual). Nigellas require very little care. The seed should be planted where they are to bloom. Thin to 8 in. apart. Interesting flowers and seed pods. Germination 10 to 15 days.

Miss Jekyll. Double blue. Height 18 in.

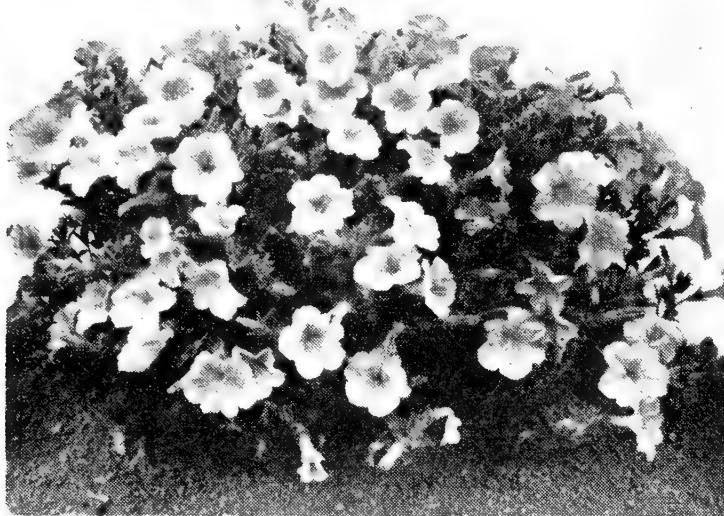
Pkt. 10c; 1/4 oz. 40c.

Double Mixed. Shades of blue and white.

Pkt. 10c; 1/4 oz. 35c.



Nierembergia



Petunia, Salmon Supreme

ST. LOUIS SEED CO.'S SELECTED PETUNIAS. Seed may be sown in late fall or spring. Soil should be well pulverized. Seed which is very fine should be sown on the surface and watered into the soil. The double and ruffled sorts will germinate better if started in flats or pans indoors, then transplanted to open when plants have their second leaves. Germination 7 to 20 days.

PETUNIA (Bright Eyes). (All American Selection for 1946.) (Won the Bronze Medal.) A dwarf compact bedding Petunia. Grows about 10 inches tall, needs no support. Blooms the entire summer. Color, clear rose pink with white throat. **Pkt. 15c.**

PETUNIAS, DWARF or BEDDING. These plants only grow about 12 in. high and while branching freely from the base they nevertheless remain quite compact.

Celestial Rose. Plants dwarf, compact. Flowers 2 in. across, borne in profusion. Color bright rose with white throat.

Pkt. 15c; 1/8 oz. 50c.

Cockatoo. The flowers are a velvety violet purple with irregular sized white spots.

Pkt. 10c.

Crimson. A beautiful deep red. Of compact growth.

Pkt. 10c; 1/8 oz. 50c.

Heavenly Blue. Light or silvery blue.

Pkt. 10c; 1/8 oz. 50c.

Rose Gem (Nana Compacta). A miniature Petunia of compact growth about 6 in. high with rose pink flowers.

Pkt. 15c; 1/8 oz. 75c.

Rose of Heaven. Color rich brilliant rose, darker than Rosy Morn.

Pkt. 10c; 1/8 oz. 50c.

Rosy Morn (Improved). Compact in habit, producing throughout the summer an abundance of clear rosy pink flowers.

Pkt. 10c; 1/8 oz. 50c.

Salmon Supreme. Color, light salmon with white throat. Flowers 1 1/2 in. across on 12 in. bushy plants. A heavy bloomer over long season.

Pkt. 35c.

Snow Queen. A fine compact sort, producing pure satiny white flowers.

Pkt. 10c; 1/8 oz. 50c.

Striped and Blotched. Includes striped or blotched flowers in a wide range of brilliant colors. A fine bedder.

Pkt. 10c; 1/8 oz. 50c.

Violet. A fine companion to Rosy Morn, same habit. Color violet blue.

Pkt. 10c; 1/8 oz. 50c.

Dwarf Mixed. Plants compact growing. A choice mixture of many shades and colors. Very desirable for beds.

Pkt. 10c; 1/8 oz. 50c.

PETUNIAS HALF DWARF. All of the following are wonderfully effective in beds and borders. 18 in. high.

General Dodds. Blood red; one of the best red Petunias. Free blooming.

Pkt. 10c; 1/8 oz. 50c.

Howard's Star. Color crimson-maroon with a clearly defined five-point star of bluish white.

Pkt. 10c; 1/8 oz. 50c.

Extra Choice Mixed. Made up from named large flowering sorts.

Pkt. 10c; 1/8 oz. 50c.

PETUNIAS DOUBLE.

Double Flowering Fringed Mixed. A rich assortment of the finest double strains. The finely formed, fully double blooms are beautifully ruffled and fringed.

Pkt. 50c.

PETUNIAS FRINGED AND RUFFLED.

Dwarf Giants of California. Extra large flowers, which are fringed; the colorings, markings, veinings, blotches are superb.

Pkt. 35c.

Martha Washington. Blush pink deepening to dark violet throat, dwarf, compact, free flowering.

Pkt. 25c.

Ruffled Giants. Flowers of extraordinary size and substance, and distinguished from the large flowering fringed section by the deep fluting.

Pkt. 25c.

PETUNIAS GIANT PORTLAND. Large plain edged flowers on free flowering plants.

Elk's Pride. Large, deep royal purple.

Pkt. 15c.

Pink Triumph. The best bright pink.

Pkt. 15c.

Romany Lass. Color shading from cherry-red to deep maroon.

Pkt. 15c.

White Beauty. Giant flowering white.

Pkt. 15c.

Mixed Colors.

Pkt. 15c.

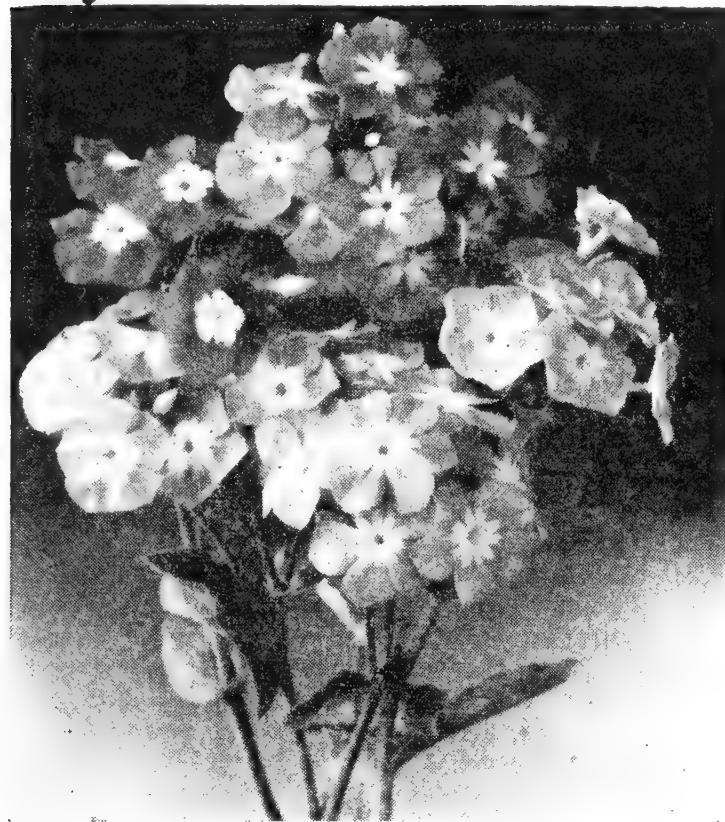


Petunia, Giants of California

PETUNIAS BALCONY. Especially suited for window boxes, vases and hanging baskets.

Blue, Crimson, Rose and Mixed.

Pkt. 15c.



Phlox, Large Flowering, Mixed

PENTSTEMON, Gloxiniaflora (Beard Tongue) (Perennial). Beautiful plants for the hardy border. Gloxinia-like flowers of white and shades of rose, mauve and purple. Height 2½ ft. Blooms June and July. Germination 10 to 15 days.

Mixed. Pkt. 15c.

PHLOX, Drummondii (Annual). Bright five-petaled flowers in clusters, blooming freely during the entire summer. Sow seed in well pulverized soil as soon as soil can be worked in spring. When plants are large enough, thin or transplant to 6 in. apart. Germination 8 to 12 days.

Large Flowering. Blooms ¾ to 1 in. in diameter. Plants 12 to 14 in. high. **Violet, shell pink, fiery red, deep rose, white, mixed.**

Pkt. 10c; ½ oz. 50c.

Salmon Glory. Large flowered variety with rich salmon-pink florets 1 to 1½ in. in diameter. Plants 10 in. high. A prolific bloomer. All-America Selection 1939.

Pkt. 25c.

Dwarf Phlox. Symmetrical plants, 8 in. high, bright colored flowers in broad clusters.

Rose, white, Fireball and mixed.

Pkt. 10c; 1/16 oz. 35c.

Phlox Decussata (Perennial). Do not come true from seed. Germination slow. Seed sown in summer and fall will germinate the next spring and summer. Mixed.

Pkt. 15c; ½ oz. 50c.

PHYSALIS, Francheti. See Chinese Lantern.

PLATYCODON (Wahlenbergia) (Perennial). Handsome plant for sunny border. It has broad blue bell-shaped flowers. Blooms from June to September. Sow seed in spring or early summer, transplant to permanent place in fall. It will bloom the following season. Easily grown. Germination 20 to 30 days.

Grandiflora. Blue.

Crop Failed.

POPPIES (Annual). Annual varieties do not bear transplanting, therefore should be sown in late fall or early spring where they are to bloom. Thin to 6 in. apart.

American Legion or Flanders. Orange scarlet. Height 2 ft.

Pkt. 10c; ½ oz. 35c.

Shirley. Large single flowers range in color from pure white, shades of pink and rose to the deepest blood red. Height 1½ ft.

Mixed. Pkt. 10c; ½ oz. 35c.

Tulip Flowered. Large bright scarlet blossoms, resembling a tulip. Height 1½ ft.

Pkt. 10c; ¼ oz. 35c.

Double Shirley. Beautiful hybrids with large double and semi-double flowers in a wide range of colors.

Mixed. Pkt. 10c; ½ oz. 35c.

Oriental Poppies (Perennial). Huge cup-shaped flowers with crinkled petals on tall strong stems. Sow seed in early spring, transplant to permanent place in June. Height 2 to 3 ft. Germination 6 to 15 days.

Dark red, orange scarlet, salmon pink.

Pkt. 10c.

Oriental Hybrids. New colors and types are often found in this mixture.

Pkt. 10c; ¼ oz. 50c.

Iceland Poppies (Perennial). While these are hardy perennials, they flower from seed the first season if sown early.

Yellow Wonder. Large deep yellow flowers, excellent cut flower. Height 2 ft.

Pkt. 15c.

Mixed. A superb mixture in many shades of yellow, orange, salmon and pink. Height 14 in.

Pkt. 10c; ¼ oz. 50c.

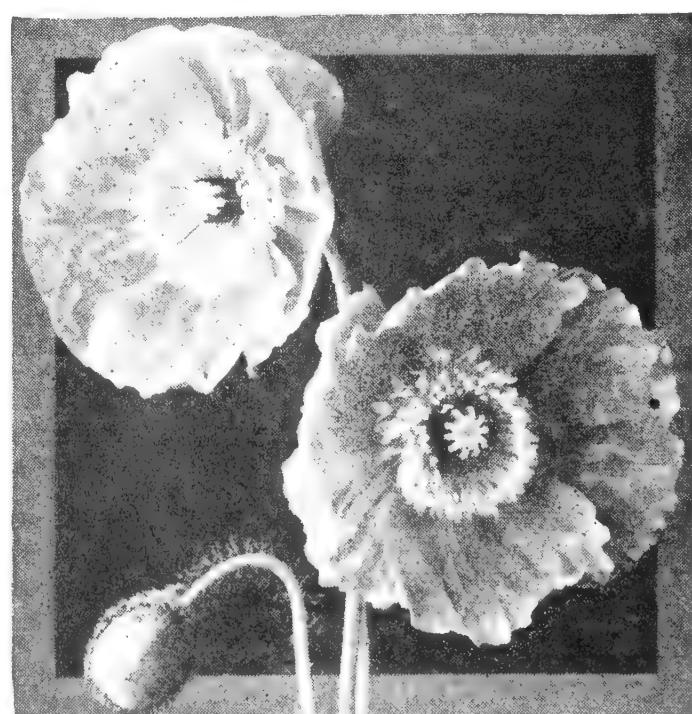
PORTULACA (Flowering Moss) (Annual). Bloom all summer.

Single Mixed.

Pkt. 10c; ¼ oz. 50c.

Double Mixed.

Pkt. 10c; ¼ oz. 75c.



Iceland Poppy

PRIMROSE (Primula) (Tender Perennial).

Chinensis. The choicest single flowering Primroses in all their dainty shades.

Pkt. 25c.

Obconica Gigantea Mixed.

Pkt. 25c.

PYRETHRUM (Painted Daisy) (Perennial). Attractive single, semi-double or double daisy-like flowers, produced freely in May or June. Colors, white, shades of pink and red. Sow seed in spring or summer, transplant to their permanent place in fall. A sunny position and rich light soil suits them best. Germination 7 to 12 days.

Hybridum Double Mixed. These hybrids sometimes produce single flowers the first year. Height 2 ft.

Pkt. 15c; 1/16 oz. 50c.

Roseum Grandiflorum Single Mixed. Large flowers for cutting. Height 2 1/2 ft.

Pkt. 15c; 1/16 oz. 40c.



Pyrethrum (Painted Daisy)



Salvia

RICINUS (Castor Oil Bean) (Annual). Showy ornamental plants which do best in sunny location. The plants are tall and of a beautiful tropical appearance. Sow seed where they are to grow when ground is warm in spring. Germination 8 to 12 days.

Borboniensis Arboreus. Large dark green foliage. Height 10 to 15 ft.

Pkt. 10c; oz. 25c.

Zanzibariensis. Leaves often 2 ft. across, green shaded coppery brown. Height 8 ft.

Pkt. 10c; oz. 25c.

Mixed.

Pkt. 10c; oz. 20c; 1/4 lb. 65c.

RUDBECKIA (Coneflower) (Perennial). Bright flowers which grow quickly from seed and are very hardy. Germination 10 days.

Purpurea (Giant Purple Coneflower). Large showy daisy-like reddish purple flowers with dark brown center. July to September. Height 3 ft.

Pkt. 10c; 1/8 oz. 40c.

SALPIGLOSSIS (Painted Tongue) (Annual). An easily grown annual, 18 to 24 in. high which blooms from midsummer until frost. Blossoms are trumpet shaped, deep purple and blue veined with gold. Buff and yellow veined with brown and many other beautiful color combinations. Germination 5 to 10 days.

Large Flowering Mixed.

Pkt. 10c; 1/8 oz. 35c.

SALVIA (Scarlet Sage) (Annual). Perennial plants grown as annuals. Bushy plants bearing many attractive spikes of scarlet flowers. For early blooms, sow indoors or in hotbed and transplant to open when ground is warm, or may be sown outdoors in May. Likes hot sun. Germination 5 to 10 days.

America (Globe of Fire). Bushy plants. 16 in. high.

Pkt. 15c; 1/8 oz. 75c.

Bonfire. Its erect spikes of brilliant scarlet flowers stand clear above the dark green foliage and completely cover the plant. 16 inches.

Pkt. 15c; 1/8 oz. 75c.

Splendens Grandiflora. Vigorous plants 2 1/2 ft. tall. Early, large flowering. Scarlet.

Pkt. 10c; 1/8 oz. 50c.

Farinacea (Blue Bedder) (Perennial). Above a dense tuft of foliage, rise slender spikes of tubular light blue blossoms. Height 2 1/2 ft. Blooms first year from seed sown early.

Pkt. 10c; 1/8 oz. 50c.

SANVITALIA (Procumbens) (Annual). A free flowering plant of trailing habit. Small double bright yellow flowers in bloom all summer. They prefer light soil and full sun. Seed may be sown in flats indoors or coldframe early and transplanted or sown in open when ground is warm. Height 6 in. Germination 6 to 10 days.

Pkt. 10c; 1/8 oz. 35c.

SAPONARIA (Bouncing Bet) (Perennial). Spreading plants with bright green foliage and gay rosy carmine blossoms in profusion during May and June. Saponarias are very easily grown and require little attention. Height 10 in. Germination 10 to 12 days.

Pkt. 10c; 1/8 oz. 50c.

SCARLET RUNNER. The vines grow 8 to 12 ft. and are covered with showy clusters of scarlet pea-like flowers. The beans which follow the flower may be eaten while young and tender. Plant seed where they are to bloom. Germination 5 to 8 days.

Pkt. 10c; 1/4 lb. 30c.

SCABIOSA (Mourning Bride) (Annual). One of the most popular annuals for cutting because of the long wiry stems. It also makes attractive groups in the garden. A continuous bloomer. Sow seed early in light soil, cover about 1/4 in., watering to be done with a fine spray. Transplant to open when plants have their second leaves. **Black purple, Shasta white, crimson, rose, lavender.** Height, 16 in.

Pkt. 10c.

Mixed.

Pkt. 10c; 1/4 oz. 30c.

Giant Loveliness. Large flowers in shades of salmon rose.

Pkt. 10c; 1/4 oz. 40c.

SCABIOSA (Perennial).

Isaac House Strain. Large flowers with fringed and ruffled petals in shades of blue and lavender. Blooms freely from June to August. Height 2 ft.

Pkt. 15c; 1/8 oz. 75c.

SCHIZANTHUS (Annual). Dainty blossoms like tiny orchids from compact pyramidal plants. Very effective in the garden or for pot plants. Colors are pink to rose, veined with gold and white. The seed germinates readily and plants start blooming within a few weeks. Height 16 in.

Large Flowering Mixed.

Pkt. 10c; 1/8 oz. 50c.

SENSITIVE PLANT (Touch-me-not). A pretty plant with pink flowers. The foliage is very sensitive and closes up immediately if touched or shaken.

Pkt. 10c; 1/8 oz. 35c.

SHAMROCK (True Irish). Bright green clover-like foliage.

Pkt. 10c; 1/8 oz. 30c.

STAR OF TEXAS (Xanthisma Texanum) (Annual or Biennial). Plants grow 2 ft. high, producing golden yellow blossoms on long wiry stems, suitable for dry places. Sow seed where plants are to bloom. Germination 10 to 15 days.

Pkt. 15c.

STATICE, Sinuata (Annual). Showy plants with clusters of attractive flowers on graceful stems. The flowers may be dried for winter bouquets. Sow seed in well pulverized soil, when ground is warm. Transplant or thin to 8 in. apart. Height 2 1/2 ft. Germination 8 to 20 days.

Lavender, rose, true blue, white.

Pkt. 10c; 1/4 oz. 25c.

Suworowi (Russian Cat Tail). Dense clusters of broad deep green leaves from which rise tail-like spikes of rose-colored flowers. Annual.

Pkt. 10c; 1/4 oz. 50c.

Latifolia (Perennial Statice or Sea Lavender).

Plants 1 1/2 ft. high and frequently 2 ft. across. Minute lavender blue flowers in much branched panicles.

Pkt. 10c; 1/8 oz. 50c.

STOCKS (Annual). Dense spikes of fragrant flowers, white, blush, pink, purple, and yellow. The seed is sown from February to April in good clean soil, mixed with sand, free from manure. The seed will germinate in 6 to 10 days. Water seedlings in the morning when needed. Leave dry at night to prevent damping off.

Cut and Come Again. A continuous bloomer. Branching plants, 2 to 2 1/2 ft. high.

Mixed.

Pkt. 15c; 1/8 oz. 50c.

Dwarf (10 weeks). Large flowering. Dwarf plants. A favorite for outdoor bedding. 12 inches.

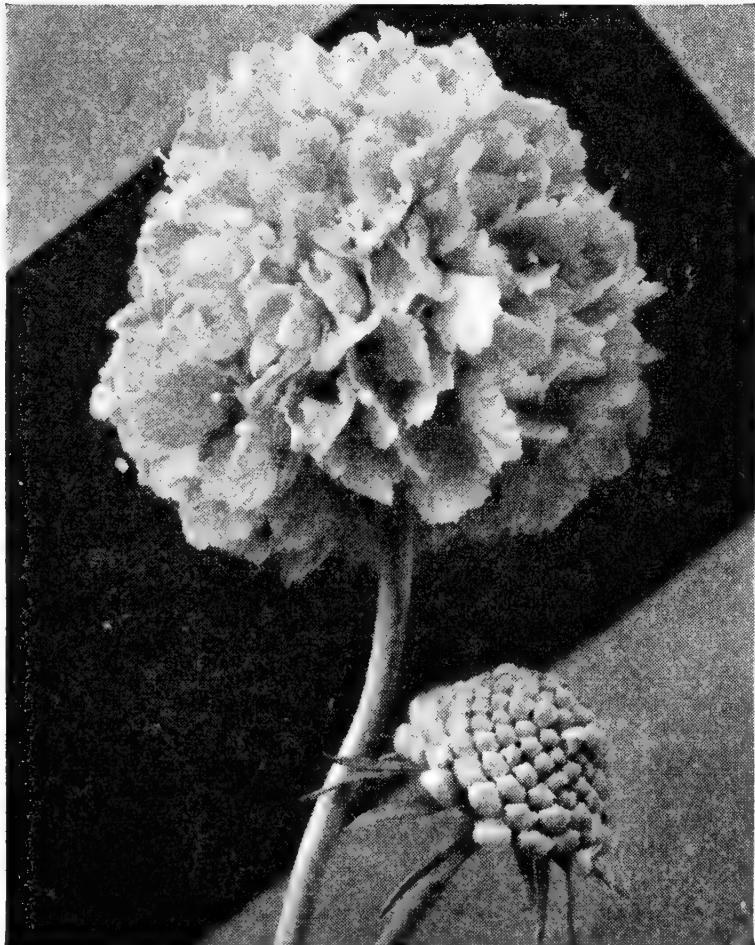
Mixed colors. Pkt. 10c; 1/4 oz. 50c.

Giant Bismarck (10 Weeks Stocks). Plants 2 to 2 1/2 ft. high producing many large spikes, coming into bloom in 10 to 12 weeks. Fine for cutting.

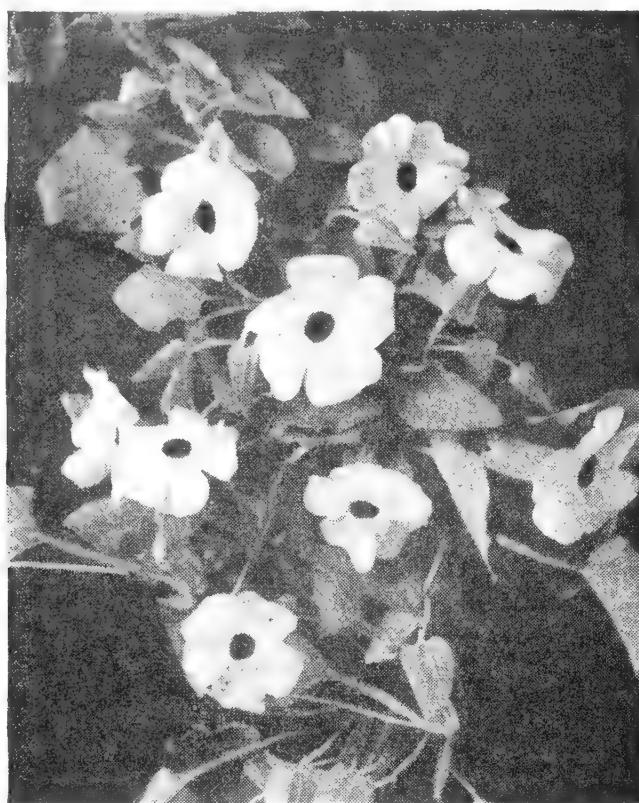
Mixed. Pkt. 20c; 1/8 oz. 50c.

STOKESIA, Cyanea (Stokes Aster) (Perennial). Beautiful light blue flowers are produced profusely in summer and early autumn. Sow seed in summer in garden soil, transplant to permanent place in fall. They will bloom the following season. Height 1 1/2 to 2 ft. Germination 20 to 30 days.

Pkt. 15c; 1/8 oz. 50c.



Scabiosa



Thunbergia

SUNFLOWER (Helianthus) (Annual). Ornamental plants for background. Superior to the common Sunflower. Plant seed where they are to bloom. Thin plants to 3 ft. apart. Germination 5 to 12 days.

Chrysanthemum Flowered (Double). Plants 6 to 7 feet tall. Very double, deep golden yellow flowers 6 to 8 inches across with fringed petals. **Pkt. 10c; 1/4 oz. 30c.**

Dwarf Double. Bright yellow flowers. Height 3 ft.

Pkt. 10c; 1/4 oz. 25c.

Golden Ball. Large double golden yellow flowers. Height 7 ft.

Pkt. 10c; 1/4 oz. 30c.

Dwarf Red. Large single flowered with deep red centers. Petals red and yellow. Height 4 ft.

Pkt. 10c; 1/4 oz. 25c.

Stella. Single flowers, 4 in. in diameter on long stems. Bright yellow with dark center. Height 5 ft.

Pkt. 10c; 1/4 oz. 30c.

Mammoth Russian. Grown for its seed. Height 6 ft.

Pkt. 10c.

SWEET PEAS (Hardy Annuals). Seed may be planted in late fall. Does best in well fertilized soil and they need considerable water on warm days. Give plants plenty of room, not less than 8 in. apart. Sow seed where they are to grow.

Early Flowering Spencer. For outdoor or greenhouse culture. This class should have more attention from home growers who may have been disappointed with the late flowering type. These come into bloom two weeks earlier.

Mixed.

Pkt. 10c; oz. 25c; 1/4 lb. 90c; lb. \$3.00.

Late Spencer. A mixture of fine named varieties. **Pkt. 10c; oz. 15c; 1/4 lb. 50c; lb. \$1.75.**

Lathyrus Latifolius (Perennial Sweet Peas). A sturdy vine bearing luxuriant foliage and clusters of waxy flowers in pink, red and white from June to September. The vine may be trained upon a support. It is also well adapted to cover banks or rugged places. Sow seed in fall or early spring. They will grow in any garden soil. Germination 20 to 60 days.

Mixed. Pkt. 10c; 1/4 oz. 40c.

STRAWFLOWER MIXTURE (Annual). Used for winter bouquets. Cut when flowers are half expanded, hang heads down to keep stem straight. Sow in garden when ground is warm.

Pkt. 10c; 1/2 oz. 35c.

SWEET ROCKET (Hesperis) (Perennial.) Bears spikes of purple and white flowers, delightfully fragrant in the evening. Sow seed in spring or summer, transplant to permanent place in fall. Height 18 to 24 in. Germination 12 to 20 days.

Mixed. Pkt. 10c; 1/4 oz. 35c.

SWEET WILLIAM (Dianthus Barbatus) (Perennial). A well known perennial for bedding and borders. The florets are borne on stiff stems in great profusion and many colors. Sow seed in summer and transplant to permanent place in fall. They grow in any garden soil. Height 16 in. Germination 5 to 8 days.

Holborn Glory. Showy heads of varicolored flowers.

Newport Pink. Salmon pink.

Scarlet Beauty. Deep scarlet.

White.

Pkt. 10c; 1/8 oz. 35c.

Single Mixed.

Pkt. 10c; 1/8 oz. 35c.

Double Mixed.

Pkt. 10c; 1/8 oz. 35c.

Sweet William (Annual). Blooms from seed the first season.

Mixed Colors.

Pkt. 10c; 1/8 oz. 35c.

TAHOKA DAISY (Machaeranthera) (Annual). Lavender blue daisy-like flowers with golden yellow centers. The foliage is fern-like, blooms from June until autumn. Stands heat and drought. Height 16 in. Germination 12 to 20 days.

Pkt. 15c.

THALICTRUM HYBRIDUM. Graceful plants. Excellent for the hardy border. Useful for making bouquets. Small flowers in panicles in shades of rose, lavender and white. Will grow in any well drained garden soil. Germination 20 to 30 days. Perennial.

Pkt. 15c.

THERMOPSIS, Caroliniana (Perennial). Golden yellow flowers are produced on spikes resembling Lupines. Easily grown. Not particular as to soil or position. Seed sown in spring or summer will bloom next spring. Height 2 1/2 ft. Germination 15 days.

Pkt. 15c.

THUNBERGIA (Blackeyed Susan). A graceful climber, producing trumpet-like flowers in shades from creamy white to golden yellow with solid black centers. Much used in hanging baskets and overhanging banks. Perennial grown as an annual. 4 ft. Germination 5 to 12 days.

Pkt. 10c; 1/4 oz. 35c.



Tritoma

TITHONIA, Speciosa (Mexican Sunflower) (Annual). A tall growing plant with rich orange red flowers, resembling a single Zinnia. Sow in flats indoors. When seedlings are about 4 in. high transplant to 4 ft. apart. May be sown outdoors when ground is warm. Height 8 ft. Germination 5 days.

Pkt. 10c; 1/8 oz. 35c.

TORENIA, Fournieri (Wishbone Flower) (Annual). Compact plants literally covered with blossoms somewhat like Snapdragons. Of a beautiful sky blue, edged violet with yellow lip. Seed is very fine. Best sown in flats and transplanted to open ground when plants have second leaves. A continuous bloomer. Height 12 in. Germination 10 to 15 days.

Pkt. 15c.

TRITOMA, Pfitzers Red (Perennial). (An improved Red Hot Poker Plant.) Large spikes of red tube-like flowers. Germination 30 to 45 days. Protect in winter.

Pkt. 15c; 1/8 oz. 50c.

TUNICA, Saxifraga. A dwarf creeping plant with grass-like foliage and small rose-colored flowers from June to September. Blooms first season from early sown seed. Germination 8 to 12 days.

Pkt. 10c.

VALERIANA, Rubra (Garden Heliotrope) (Perennial). Numerous stalks of tiny fragrant rose flowers in clusters. Plants are very hardy and require little attention. Will bloom first season from early sown seed. Blooms from May to August. Height 2 to 3 ft. Germination 20 days.

Pkt. 10c; 1/8 oz. 50c.

VERBENA (Annual). Verbenas will flower from midsummer until frost from seed sown outdoors in spring. For early blooms, sow indoors in February. Germination will be hastened if seed is soaked in water several hours.

Mammoth Grandiflora.

Blue.

Lucifer. Cardinal red.

Pkt. 10c; 1/8 oz. 40c.

Salmon Pink.

White.

Mixed.

Beauty of Oxford Hybrids. Large flowers in shades of pink and rose. All-America winner 1933.

Pkt. 15c; 1/8 oz. 40c.

Floradale Beauty. Oxford type, free flowering. Color, beautiful salmon rose.

Pkt. 15c; 1/8 oz. 40c.

Great Floral Clock Mixture. A splendid variety, compact growth and many fine colors.

Pkt. 15c; 1/8 oz. 40c.

Venosa (Perennial). Spreading plants producing clusters of lilac-blue flowers from June to October. Height 14 in.

Pkt. 10c; 1/4 oz. 45c.

VERONICA, Spicata (Speedwell) (Perennial). Hardy plants growing about 18 in. high producing spikes of clear blue flowers from June to August. Easily grown. Not particular as to soil or position. Germination 12 to 20 days.

Pkt. 15c; 1/8 oz. 50c.

VINCA (Periwinkle) (Annual). Attractive dark glossy green foliage and showy flowers from early summer until frost. Sow seed indoors early in a mixture of sand and good garden soil. Give plenty of moisture. Germination 12 to 20 days. Height 24 in.

Rosea. Deep rose.

Rosea Alba. White with rose eye.

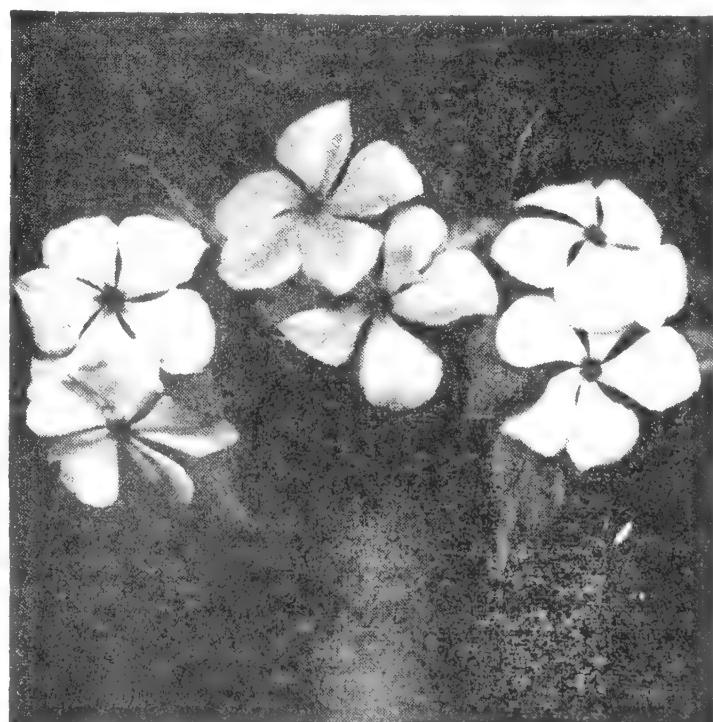
Alba Pura. Pure white.

Mixed colors.

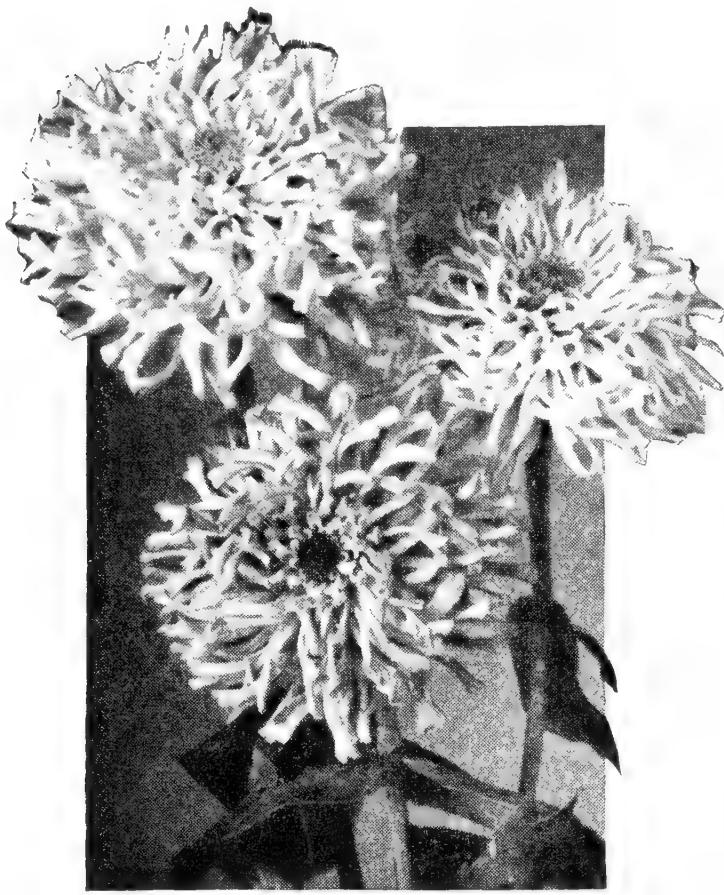
Pkt. 10c; 1/8 oz. 35c.

VIOLA ODORATA (Semperflorens). It is the well known English Violet. Succeeds best in a partially shaded, moist place. 4 inches. April and May.

Pkt. 15c; 1/16 oz. 40c.



Vinca or Periwinkle



Zinnia, Fantasy

WALLFLOWER (Cheiranthus) (Perennial). An old garden favorite. 2½ ft. high. Blooms very early in spring, very fragrant. Blooms best in rather poor soil. Protect in winter. Germination 8 to 12 days.

Double Mixed.

Pkt. 15c.

Early Wonder (Annual Wallflower). Sow very early in spring. Plants will bloom in about 90 days. Height 18 to 24 in.

Pkt. 15c; 1/8 oz. 50c.

WOOLFLOWER (Chinese) (Annual). Upon many branches, clusters of flowers like balls of yarn are in profusion all summer. Height 2½ ft. Germination 10 days.

Crimson.

Pkt. 10c.

Mixed. Shades of pink and red.

Pkt. 10c; 1/4 oz. 50c.

WILD CUCUMBER (Annual). A rapid growing climber with beautiful foliage and fragrant white flowers. 15 to 20 ft. Germination 5 to 8 days.

Pkt. 10c; oz. 25c.

OLD-FASHIONED FLOWER GARDEN

A mixture of easily grown old-fashioned flowers that may be broadcast or sown in rows for cutting.

Mixed Annuals.

Pkt. 10c; oz. 25c; lb. \$2.50.

Mixed Perennials.

Pkt. 10c; oz. 50c.

Mixture of Annuals for Rock Gardens.

Pkt. 10c.

Mixture of Perennials for Rock Gardens.

Pkt. 10c.

ST. LOUIS SEED CO.'S SELECTED ZINNIAS. (Youth and Old Age) (Annual).

DOUBLE DAHLIA FLOWERED. Giant flowers with broad overlapping petals which give the flowers the appearance of a decorative Dahlia. Height 3 ft.

Canary Yellow.

Crimson Monarch.

Dream. Deep lavender.

Exquisite Rose. Light rose pink.

Golden Dawn. Deep yellow.

Illumination. Deep rose.

Luminosa. Bright pink.

Meteor. Deep rose.

Oriole. Orange and gold.

Polar Bear. White.

Purple Prince. Deep purple.

Scarlet Flame. Scarlet.

Any of the above: Pkt. 15c; 1/4 oz. 35c.

Dahlia Flowered Zinnias Mixed.

Pkt. 15c; 1/2 oz. 65c; oz. \$1.25.

CALIFORNIA GIANTS.

Daffodil. Canary yellow.

Enchantress. Light rose.

Grenadier. Bright red.

Orange King. Orange scarlet.

Purity. White.

Salmon King. Salmon rose.

Violet Queen.

Scarlet Gem. Deep scarlet.

Mixed colors.

Any of the above: Pkt. 10c; 1/2 oz. 60c.

ELEGANS (Cut and Come Again). Very double flowers 2½ to 3 in. diameter, dome shaped. Free flowering on long stems. Height 2½ ft.

Bright Scarlet.

Crimson.

Golden Yellow.

Pinkie.

Salmon Rose.

White.

Mixed.

Any of the above: Pkt. 10c; 1/2 oz. 60c.

LILLIPUT or POMPONS. Double flowers 1½ in. in diameter. Plants neat, compact. Height 15 in.

Canary Yellow.

Crimson Gem.

Golden Yellow.

Lilac Gem.

Rosebud. Rose pink.

Scarlet Gem.

Salmon Rose.

Valencia. Burnt orange.

White.

Mixed.

Any of the above: Pkt. 10c; 1/2 oz. 60c.

Fantasy. Petals curled and partially quilled. Flowers medium size. Colors in shades of pink, rose, yellow, red and white. Mixed.

Pkt. 15c; 1/2 oz. 65c.

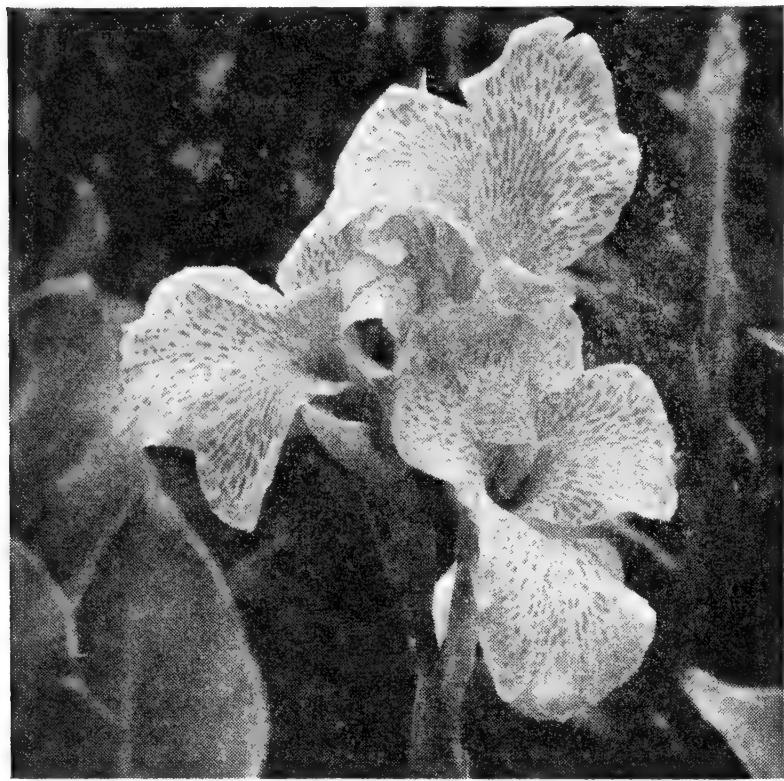
Tom Thumb. Compact plants, 6 in. high, well formed flowers of the Lilliput type.

Pkt. 10c; 1/4 oz. 50c.

HOWARD'S GIANT CRESTED ZINNIA. Flowers 4 to 5 inches across, composed of a row of broad outer petals, surrounding a cushion-like crown of quill-like petals. Mixed colors.

Pkt. 15c; 1/4 oz. 50c.

FLOWERING BULBS AND ROOTS FOR SPRING PLANTING



Canna, Yellow King Humbert

CANNAS

LARGE FLOWERING

Ready for shipment during March and April.
By Parcel Post, add 10c per doz., postage.

YELLOW

YELLOW KING HUMBERT. 4 ft. Foliage a very dark green, flowers a deep rich yellow, softly spotted and blotched with bright red.

RED, GREEN FOLIAGE

THE PRESIDENT. 4 ft. This Canna is superior to any other red variety in the quality and also the quantity of bloom.

RED, BRONZE FOLIAGE

KING HUMBERT. 4 ft. The plants are crowned with immense heads of orchid-like, velvety orange-scarlet, rose-tinted and margined at the base.

PINK

CITY OF PORTLAND. 3½ ft. A deep pink which does not fade during the hot weather.

Price of Canna roots, each 15c; doz. \$1.50.

MISCELLANEOUS BULBS AND ROOTS

AMARYLLIS, New Hybrids. This selection of giant bloomers in wonderfully varied colors.

Each 65c. Large bulbs. Mixed colors.
Red, 75c each.

ANEMONE, St. Brigid. The flowers resemble Buttercups, to which family they belong. They possess many beautiful tones of red, violet, and purple and varying to white. These tiny bulbs should be planted 2 in. deep in a place protected from hard winds or rain.

Doz. 70c; 100 for \$5.00.

BEGONIAS (Tuberous Rooted). Wax-like flowers appear uninterruptedly from June until frost. Plant bulbs outdoors about May 1st or start indoors at any time prior to then.

Rose, Scarlet, White, Yellow.
Each 25c; doz. \$2.50.

BLEEDING HEARTS. Long drooping racemes of pink heart-shaped flowers. A splendid pot plant for winter blooming in sunroom, or outdoors in perennial border.

Each 75c; doz. \$7.50.

CALADIUM ESCULENTUM (Elephant's Ear). One of the most effective foliage plants for beds and borders. Can be used with good effect as a border for tall-growing Cannas.

Each	Doz.	
First Size Bulbs.....	\$.30	\$3.00

CALADIUM, Fancy Leaf. Mixed varieties. Beautiful, variegated foliage plants adapted for pot-culture indoors. Planted outdoors in May make pretty border or bedding plants.

Each 25c; doz. \$2.50.

CINNAMON VINE. Well-known hardy climber; quick grower, with beautiful glossy heart-shaped leaves and sweet-scented flowers. Vines will run 20 to 30 ft. in a season.

Large Roots 10c; doz. \$1.00; 100 for \$7.00.

GLOXINIA (Hybrids). The handsomest of our summer-blooming plants. The long tube-shaped flowers in rich purple, red, white, and lavender, are extremely beautiful.

Each 30c; doz. \$3.00.

ISMENE, Calanthina (Pancratium Lily or Peruvian Daffodil). One of the choicest of our summer flowering bulbs, blooming profusely during the summer. Handsome clusters of large, very striking, fragrant pearly white flowers.

Large bulbs, each 25c; doz. \$2.50.

LILY OF THE VALLEY. These are best for outdoor planting.

Clumps. Each 50c; doz. \$5.00.

LILIES

Lilium Regale. White with yellow throat. June.
3 ft.

Each 50c; doz. \$5.00.

Tigrinum. Large, showy, brilliant orange scarlet flowers. August. Height, 5 ft.

Each 35c; doz. \$3.50.

MADEIRA VINE. The old favorite so much prized because of its rapid growth and freedom from insects; fragrant, white flowers.

Tubers, each 10c; doz. \$1.00.

RANUNCULUS. Perfectly double flowers are produced on strong stems 12 to 16 inches tall and appear in every conceivable color.

Mixed, doz. 70c; 100 for \$5.00.

TIGRIDIAS or SHELLFLOWERS. Extremely handsome summer-flowering bulbs, growing about 2 ft. high.

Mixed colors. Each 10c; doz. \$1.00.

TUBEROSE. By mail, add 5c per dozen, postage.

Dwarf Excelsior Pearl. 24 in. Early bloomer bearing pure white flowers, double.

Doz. \$1.00; 100 for \$7.00.

Albino. 30 in. Very early bloomer; dwarf habit; flowers waxy white and single, very fragrant.

Doz. \$1.00; 100 for \$7.00.

ST. LOUIS SEED COMPANY'S DAHLIAS

By Mail Add Postage 5c Each



Mixed Dahlias

Time of Planting: The time for planting Dahlias varies quite a good deal, according to the locality. In the central states roots may be set out as early as May 1st in some sections and from then until the middle of June. Some of our best blooms have been grown from roots planted about June 15th. Dahlias should be planted from $2\frac{1}{2}$ to 3 feet apart and covered to a depth of 6 inches. We list only varieties which will do best in our Middle West.

I.D. Informal Decorative. F.D. Formal Decorative.
C. Cactus. S.C. Semicactus.

ALICE MAY. (I.D.). Pure white, large flowers with narrow petals that curl back, almost touching the stem.

Each, 75c.

ANGELA MIA. (I.D.). A large, white flower that stands heat and has insect resistant foliage.

Each, 50c.

CHARM. (F.D.). An attractive flower, perfect form on strong stem, with good foliage. The color is burnt orange, suffused scarlet.

Each, 40c.

COLONEL LEWIS. (I.D.). A large, but very artistic, informal flower—rose pink. Plants are rugged in growth.

Each, 50c.

EVERYBODY'S FAVORITE. (I.D.). Large rose pink blooms with slightly twisted petals. A strong growing variety with exceptionally good foliage.

Each, 50c.

JOSEPHINE G. (I.D.). Color, true pink, some petals tipped with yellow, flowers held well above the foliage.

Each, 50c.

MAUDE ADAMS. (Ball). A beautiful ball dahlia. Flowers pure white with slight pink edging. Fine for cut flower.

Each, 30c.

MRS. I. DE VER WARNER. (F.D.). A large mauve pink flower on long, strong stems.

Each, 35c.

MRS. GEO. LE BOUTILLIER. (I.D.). Deep carmine red. Ten to twelve inch flowers are not unusual in this variety.

Each, 40c.

OCTOBER SUNSHINE. (I.D.). Deep golden yellow flowers on tall, strong stems. Excellent for cut flowers.

Each, 30c.

ORINDA. (F.D.). Rich silvery mauve pink without shadings. Immense blooms held gracefully on long, stiff stems.

Each, 50c.

OYSTER BAY BEAUTY. (F.D.). Large, oxblood red; a good keeper. Flowers profusely all season.

Each, 35c.

RED CHIEF. (Ball). A bright red ball. The striking color makes this variety a garden favorite.

Each, 30c.

ZANT'S WHITE. (F.D.). The giant white blooms are pure white. The plants are vigorous growers, branching from the ground; foliage thick and leathery.

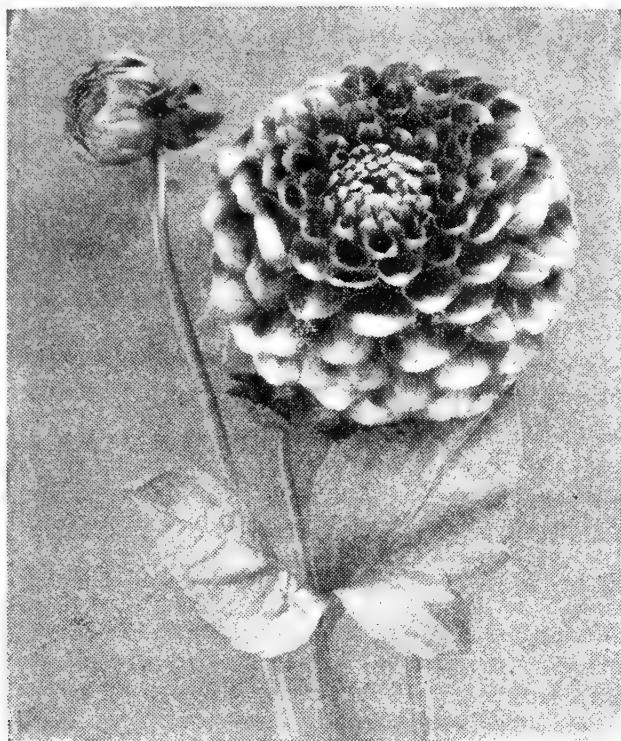
Each, 50c.



The Modern Way to Destroy Moles in Garden and Lawn

MOLE-NOTS, a specially prepared mole-food, the boon long sought for counter-acting the havoc and damage caused by moles. In prepared bait form, no mixing necessary.

Pkg. 35c.



Formal Decorative Dahlia

POMPONS

AMBER QUEEN. Apricot and amber. Free flowering, early.

Each, 35c.

BOBBY. Color is plum, with a cast of crimson. Stems are wiry and stiff.

Each, 35c.

CARDINAL. Bright cardinal red. A strong grower and free bloomer.

Each, 35c.

FASCINATION. Perfect form for exhibition. Color, bright rose pink.

Each, 35c.

SNOWCLAD. One of the best all-round pure whites.

Each, 35c.

National Eezy Wear
Garden Gloves

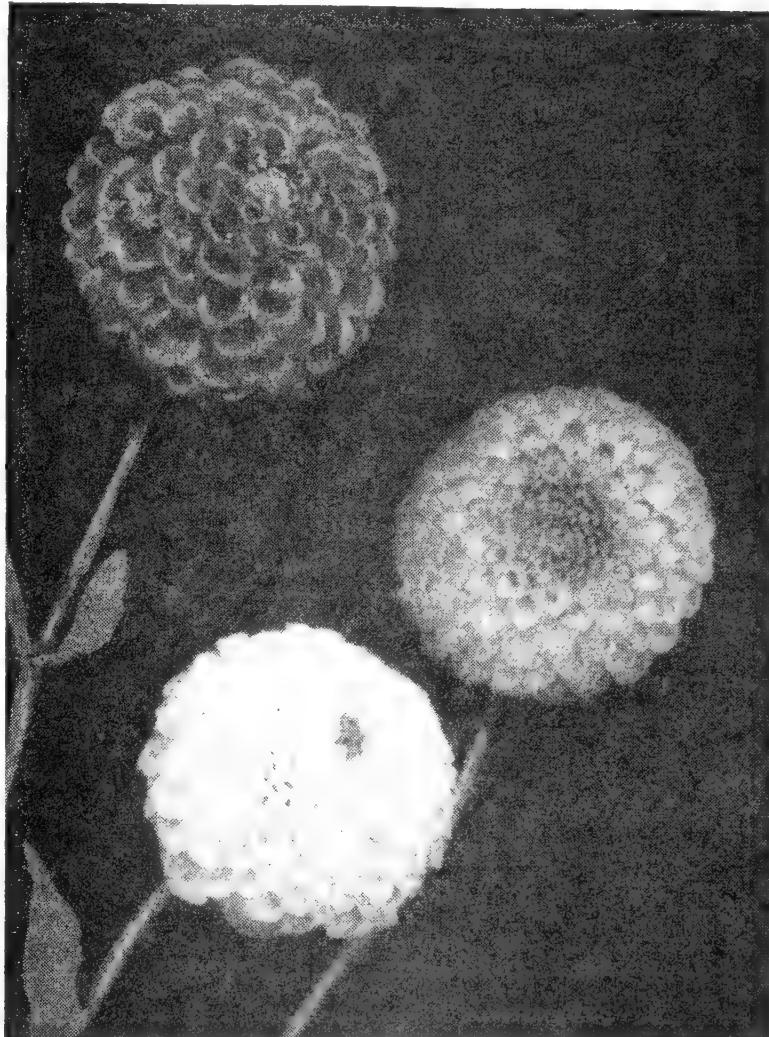
All leather, soft as kid. Sizes for WOMEN (small, medium, large) and MEN (small, medium, large). Price, \$1.25 a pair, postpaid.

MECCA. (I.D.). A much admired variety, and justly so. It has the virtue of size, beautiful color, and most artistic form. It is a sport of Dixie Wyandotte; a striking color combination of pink, with wine marking. A rugged grower with erect stems, holding the flowers well above dark green, insect resistant foliage.

A blue ribbon winner at the Midwest Show, 1946. The best new introduction of Evansville, Indiana, Show, 1946. Certificate of Merit at Michigan State Trial Grounds, Lansing, Michigan, 1946.

The originator, Mr. Perry Wilson, will give the proceeds from the sale of Mecca roots in 1947 to the Shriner's Hospital for Crippled Children.

Roots—Each \$1.00.



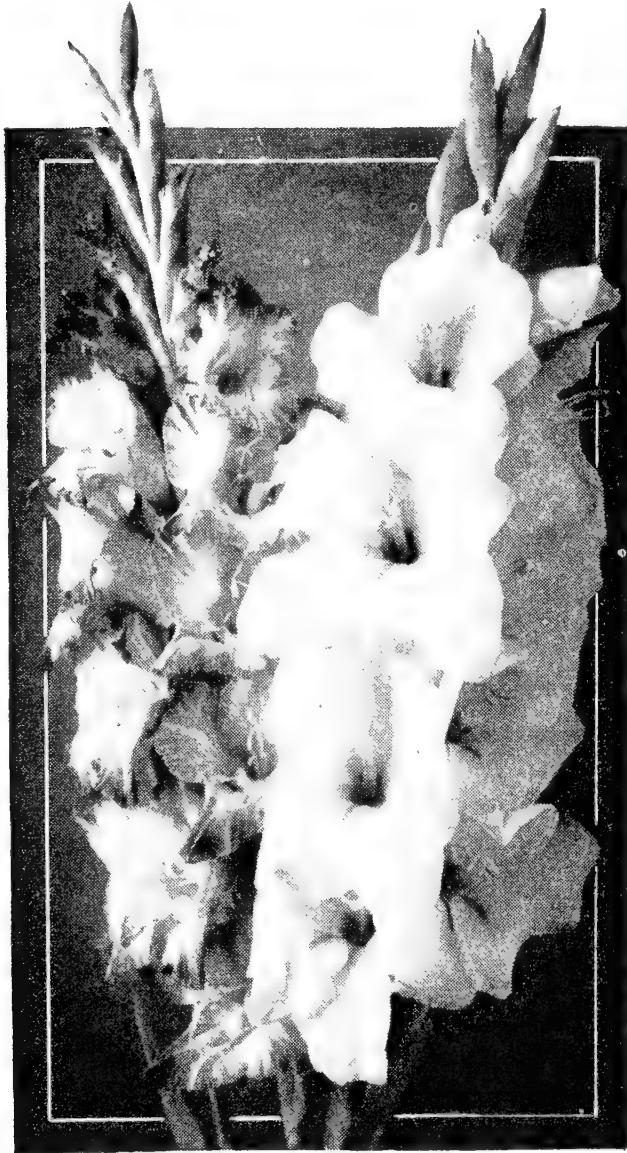
Pompon Dahlias

CULTURAL DIRECTIONS

Culture: For best results, plant large flowering Dahlias 4 feet apart between the rows, and 3 to 4 feet in the rows. Pompons 2 feet apart each way. Dig holes 6 inches deep, lay roots flat on side (not on end) and cover with fine soil that is free from lumps. If you are planting in clay soil, cover surface over root with one-half inch of sand or ashes to prevent a crust from forming. Dahlias need full sun and free circulation of air for healthy growth and to prevent mildew. Do not plant under trees or near dense shrubbery. It is a safe practice to apply pulverized limestone 5 pounds per 100 square feet, every two or three years and this should be done in fall or winter. In this locality, Dahlias may be planted between May 15th and July 1st. Fertilizer is applied after the soil has been spaded, (pulverized sheep

manure) 10 pounds for each 100 square feet, or it may be applied around plant only, using 1 pound to each plant. A second application of half the above amount should be applied about September 1st. Keep soil well cultivated. By cultivating at least once a week and as soon as ground can be worked after each rain, the weeds will be held in check and a soil mulch formed which will conserve moisture. For control of insects (leaf hoppers, aphids, etc.) spray plants with Red Arrow plant spray once a week. To control mildew and red spider, dust plants with sulphur. When buds appear, there will be 2 or 3 at the end of the stem—all but one should be removed. After the frost has killed the plants, cut off tops. Leave roots in the ground for at least two weeks to ripen, then dig and pack in boxes. Cover with soil and store in basement or frost proof building.

ST. LOUIS SEED COMPANY'S SELECT GLADIOLUS



Mixed Gladiolus

RED SHADES

ALGONQUIN. Brilliant glowing scarlet. Eight to ten blooms open at one time on a straight, tall spike.

Each, 9c; Doz., 95c; 100 for \$7.00.

BEACON. Bright red with canary yellow throat. Very attractive.

Each, 9c; Doz., 95c; 100 for \$7.00.

DREAM OF BEAUTY. Large rose red blooms. A fine color and vigorous grower.

Each 10c; Doz., \$1.00; 100 for \$8.00.

DR. F. E. BENNETT. This is among the finest of the reds. Tall, sturdy grower with well arranged flowers.

Each, 9c; Doz., 95c; 100 for \$7.00.

EXCELLENCE. Clear light red. Large flowers on good stem. An excellent cut flower. Early.

Each 9c; Doz., 95c; 100 for \$7.00.

PRIDE OF WANAKAH. One of the best in the rosy-lavender class. Tall spikes of well placed flowers. Color, rose shading to lavender.

Each 9c; Doz., 95c; 100 for \$7.00.

PINK SHADES

MARGARET FULTON. Tall spike, large flowers, coral pink with light throat.

Each, 9c; Doz., 95c; 100 for \$7.00.

Culture: Gladiolus can be successfully grown in practically any soil and respond wonderfully to a little attention, such as timely watering and cultivation (Planting). Have soil loose; make trench or hole deep enough so that bulbs can be covered with three inches of soil (sandy soil five inches). Plant bulbs three inches apart in row. Use a complete fertilizer at planting time and again when buds first appear.

By mail add postage 8c per doz.

PARADISE. Large flower on good stem. Color clear apricot.

Each 9c; Doz., 95c; 100 for \$7.00.

PEGGY LOU. Very large shrimp pink flowers on tall spikes.

Each, 9c; Doz., 95c; 100 for \$7.00.

PHILIS McQUISTON. Clear light rose pink florets, perfectly arranged on straight spike.

Each, 9c; Doz., 95c; 100 for \$7.00.

PICARDY. Delicate flesh pink, large blooms, many open at one time.

Each, 9c; Doz., 95c; 100 for \$7.00.

ROSA VAN LIMA. Light rose with darker lines in the throat. Tall straight spike.

Each 9c; Doz., 95c; 100 for \$7.00.

SONATINE. Tall, light pink, flecked darker. Large blooms on straight spikes.

Each, 10c; Doz., \$1.00; 100 for \$8.00.

SWEET ALIBI. Large ruffled flowers. Deep geranium pink with cream throat.

Each, 10c; Doz., \$1.00; 100 for \$8.00.



Maid of Orleans

Giant Nymph

ST. LOUIS SEED COMPANY'S SELECT GLADIOLUS

YELLOW SHADES

GOLDEN DREAM. Deep, pure yellow. Tall and fine exhibition variety. The florets are large, of splendid form, many out, and perfectly placed on a tall slender stem. A beauty.

Each, 9c; Doz. 95c; 100 for \$7.00.

GOLD DUST. Medium sized golden yellow flowers on good stem.

Each 9c; Doz. 95c; 100 for \$7.00.

GOLD EAGLE. Color a rich Daffodil yellow, medium size flowers, fine for cutting.

Each, 8c; Doz. 75c; 100 for \$5.25.

SMOKIES

BAGDAD. Very large flowers. Color, smoky old rose. Tall plants, long flower spikes.

Each, 9c; Doz. 95c; 100 for \$7.00.

CHOICE MIXED GLADIOLUS. Large bulbs. This is our most popular assortment. A mixture of many fine varieties. An array of colors from pure white, yellow, pink, blue and red.

Each 7c; Doz. 70c; 100 for \$5.00.

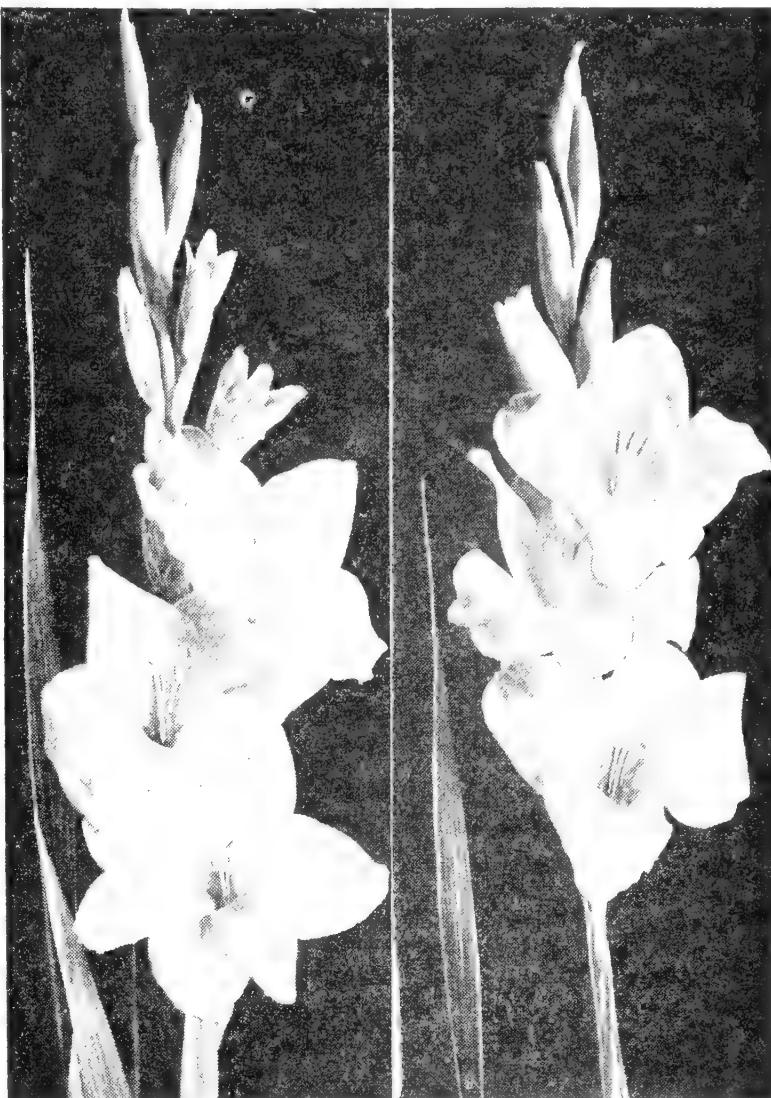
BLUE SHADES

ANNA EBERIUS. Violet blue. Has good substance. Large flowers, well placed on good spikes.

Each, 9c; Doz. 95c; 100 for \$7.00.

CHAS. DICKENS. Strong, straight spikes with large violet flowers.

Each, 8c; Doz. 75c; 100 for \$5.25.



Rosa Van Lima

Gold Eagle

MINUET. A fine clear light lavender with strong spikes. Flowers well placed.

Each, 9c; Doz. 95c; 100 for \$7.00.

PELEGRIINA. Violet blue, with darker lower petals. Very attractive.

Each, 9c; Doz. 95c; 100 for \$7.00.

PURPLE HEART. Clear, deep purple, lighter in throat. Flowers well arranged on good stem.

Each, 10c; Doz. \$1.00; 100 for \$8.00.

WHITE SHADES

CORONA. Creamy white with wide picotee edge on all petals. Very beautiful.

Each, 15c; Doz. \$1.60; 100 for \$12.00.

MARGARET BEATON. Ivory white with orange scarlet blotch in throat. Flowers large on tall spike.

Each, 9c; Doz. 95c; 100 for \$7.00.

MAID OF ORLEANS. An excellent pure white, florets well placed on good stems.

Each 9c; Doz. 95c; 100 for \$7.00.

SHIRLEY TEMPLE. A large ruffled creamy white. Flowers well placed on tall spike.

Each, 10c; Doz. \$1.00; 100 for \$8.00.

SNOW PRINCESS. Tall, pure white, slightly cream in throat. One of the best whites.

Each, 9c; Doz. 95c; 100 for \$7.00.



Gladiolus Make Lovely Bouquets



PRICES OF ALL STANDARD BUSH ROSES

85c Each \$9.60 Per Dozen

HYBRID TEA ROSES RED

AMI QUINARD. Blackish crimson buds, flowers when open maroon red.

CATALONIA. Vermillion-orange. Well formed, high centered and fragrant blooms. Moderately bushy plant.

CHAS. K. DOUGLAS. Plants are strong, bushy, free flowering, buds long pointed. Crimson scarlet.

CHRISTOPHER STONE. Large double vivid scarlet flowers. Plants of upright growth.

DIRECTOR RUBIO. Bud and flower very large, light red. Disease resistant foliage. A bushy, vigorous grower.

E. G. HILL. Beautiful long pointed buds, full double high centered flowers. Scarlet red shading to dark red.

ETOILE DE HOLLANDE. A brilliant dark red rose of magnificent size and perfect form.

GRENOBLE. Becoming deservedly popular because of its profusion of long stemmed beautifully shaped blooms of scarlet crimson.

McGREDY'S SCARLET. The double flowers are brilliant scarlet, orange at the base of each petal. Beautiful buds.

NIGHT. Plants are strong, have good foliage. Flowers very dark maroon (almost black).

POINSETTIA. Color, poinsettia scarlet; a most brilliant rose with long pointed buds. A vigorous and free blooming plant.

RED RADIANCE. An ideal bedding rose that produces large bright cerise red blossoms throughout the summer.

VICTORIA HARRINGTON. Long pointed buds, rich red blooms, curved petals. A hardy, continuous bloomer.

HYBRID TEA ROSES PINK

BETTY UPRICHARD. Long lasting blooms of brilliant carmine orange on outer side of petals, soft pink inside. A profuse bloomer.

COLUMBIA. Long pointed buds. Deep pink, shading to lighter pink at edges of petals.

CYNTHIA. Strong plants, upright growth, color bright carmine rose, shaded salmon.

EDITOR McFARLAND. A large well formed flower, brilliant pink, good foliage and stems.

EDITH NELLIE PERKINS. A vigorous grower and free flowering long pointed buds, outside orange scarlet shaded cerise, inside salmon pink.

KOROVA. Very vigorous plants and good blooms. Light salmon pink with yellow base.

MADAME BUTTERFLY. Combine white, bright pink, apricot and gold and you have Mme. Butterfly. The medium sized tight buds are tinged red.

MRS. CHAS. BELL. A lovely shell pink, blooms shaded salmon. Very free bloomer.

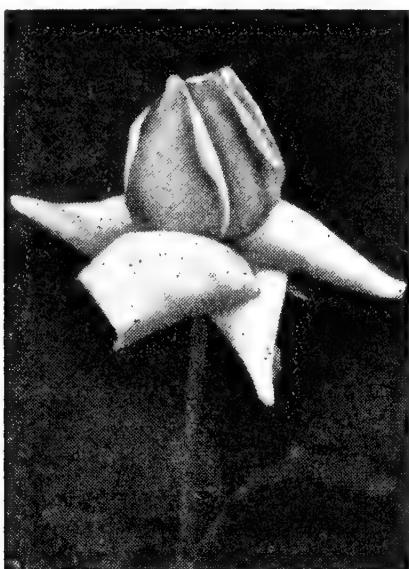
MRS. HENRY BOWLES. Large, double pink flowers, shaded salmon. Free bloomer.

PICTURE. A strong grower, free bloomer. Color a soft pink with undertones of salmon.

PINK DAWN. A strong vigorous plant, blooms are deep rose pink with gold base.

RADIANCE PINK. The ideal bedding rose that continues to produce throughout the most unfavorable weather. Color light carmine pink.

THE DOCTOR. A very fine glowing pink with satiny pink edges. Fragrant. Ideal for cutting.



HYBRID TEA ROSES YELLOW

FEU JOSEPH LOOYMANS. A profuse bloomer, with long pointed buds of yellow, shaded apricot.

GOLDEN DAWN. Sunflower yellow, changing to lemon yellow. Very double.

GOLDEN RAPTURE. A glowing rich yellow bud, opening into large double blooms that do not fade.

JOANNA HILL. Flowers light yellow, good stems, free flowering.

MRS. E. P. THOM. Color pure, deep yellow, good buds and stems for cutting.

MRS. PIERRE S. DUPONT. Medium size, long pointed buds of reddish gold, opening to a deep golden yellow. Fragrant, free flowering.

PHYLLIS GOLD. Strong plants that produce a profusion of well formed buttercup yellow blooms.

SISTER THERESE. Well formed buds are chrome yellow, marked carmine, opening to a rich but-tercup yellow.

SOUV. DE CLAUDIUS PERNET. Rich yellow blooms, deep green glossy foliage.

HYBRID TEA ROSES TWO-TONE

CONDESA DE SASTAGO. A large double rose, color deep coppery pink inside, golden yellow reverse.

GIRONA. A free bloomer, strong bushy plants. Color, soft red and yellow.

HEINRICH WENDLAND. Large double blooms dis-tinctively two-toned nasturtium red inside, re-verse golden yellow.



PRESIDENT HERBERT HOOVER. Good buds, large flowers of a combination of cerise pink, scarlet and yellow. Clean dark green foliage.

TALISMAN. The most vivid color yet found in roses. Buds are brilliant red and gold, opening to scarlet and yellow.

HYBRID PERPETUAL ROSES

AMERICAN BEAUTY. Large, fragrant blooms. Color deep pink, shaded carmine.

FRAU KARL DRUSCHKI. The ideal hardy white rose, perfect form, strong grower.

HYBRID TEA ROSES ORANGE COPPER

DUCHESS OF ATHOLL. Large, pointed buds, vivid orange shading to old rose.

DUQUESA DE PENARANDA. The large buds are a blend of apricot orange and pink, opening to a coppery apricot.

MME. JOSEPH PERRAUD. Perfectly formed buds and double blooms that shade from shell pink at the edges to buff orange in center.

HYBRID TEA ROSES WHITE

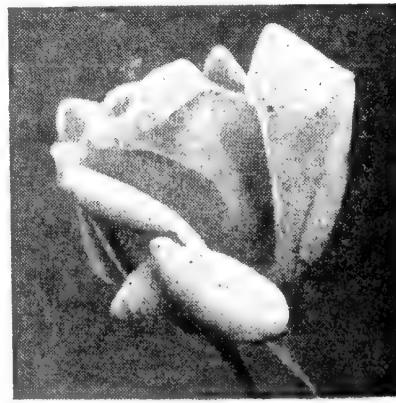
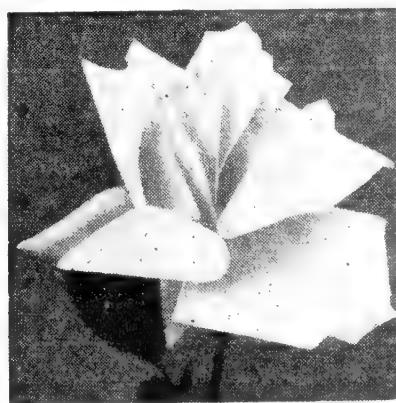
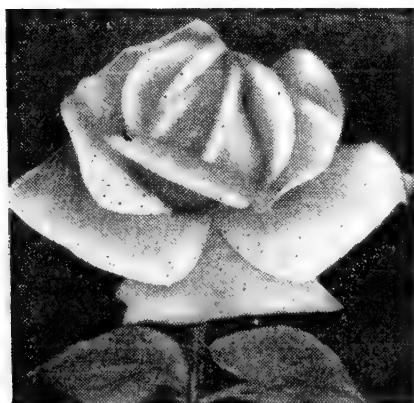
CALEDONIA. An exceptionally fine white rose, long pointed buds and high centered very double blooms.

KAISERIN AUGUSTA VICTORIA. A strong healthy plant producing beautifully formed pearly white flowers.

KILLARNEY WHITE. Large, double, pure white blooms. Very fragrant.

MME. JULES BOUCHE. Long, tight buds. Good stems and foliage. Color white with blush tints in center.

McGREDY'S IVORY. Large well formed creamy white blossoms.



CLIMBING ROSES

CLIMBING AMERICAN BEAUTY. Brilliant carmine flowers of fine form borne in clusters. **Each 75c.**

MARY WALLACE. Well formed rose pink blossoms, with salmon base. **Each 75c.**

PAUL'S SCARLET. The flowers are most vivid scarlet red and are produced in great profusion. Plants of moderate growth and have good foliage. **Each 75c.**

CLIMBING RED RADIANCE. Large flowers of radiance type. Color bright cerise red. **Each 75c.**

CLIMBING TALISMAN. A favorite two-toned variety, rich yellow and rose red. Long buds, borne on individual stems. **Each 75c.**

Climbing Roses, per dozen, \$8.40.

PATENTED CLIMBING ROSES

BLAZE. Vivid scarlet red flowers. An everblooming form of Paul's Scarlet. **Each \$1.50.**

DOUBLOONS. Growth vigorous, healthy, blooms large golden yellow. Very hardy. **Each \$1.50**

POLYANTHA ROSES

CAMEO. Soft salmon pink suffused with gold. Flowers produced in clusters. A continuous bloomer. **Each 85c**

DAGMAR SPATH. Large trusses of pure white flowers. Produced freely all summer. **Each 85c**

ELSE POULSEN. Bright rose pink, semi-double. Flowers in clusters from June until late fall. **Each 85c**

IDEAL. A good grower and continuous bloomer, large clusters of bright red flowers. **Each 85c**

Polyantha Roses \$9.60 per dozen.



Climbing Roses



PATENTED ROSES

COUNTESS VANDAL. Very long, graceful buds, opening slowly to beautiful high centered flowers. Color coppery bronze and pink, suffused gold. **Each \$1.50**

CRIMSON GLORY. Deep crimson flowers on good stems. Vigorous grower. **Each \$1.50**

ECLIPSE. Long buds of rich golden yellow with shading. **Each \$1.50**

HEART'S DESIRE. Long pointed buds and double flowers. Color clear red, does not fade. Received highest award in All-America rose selection 1940-1941. **Each \$1.50**

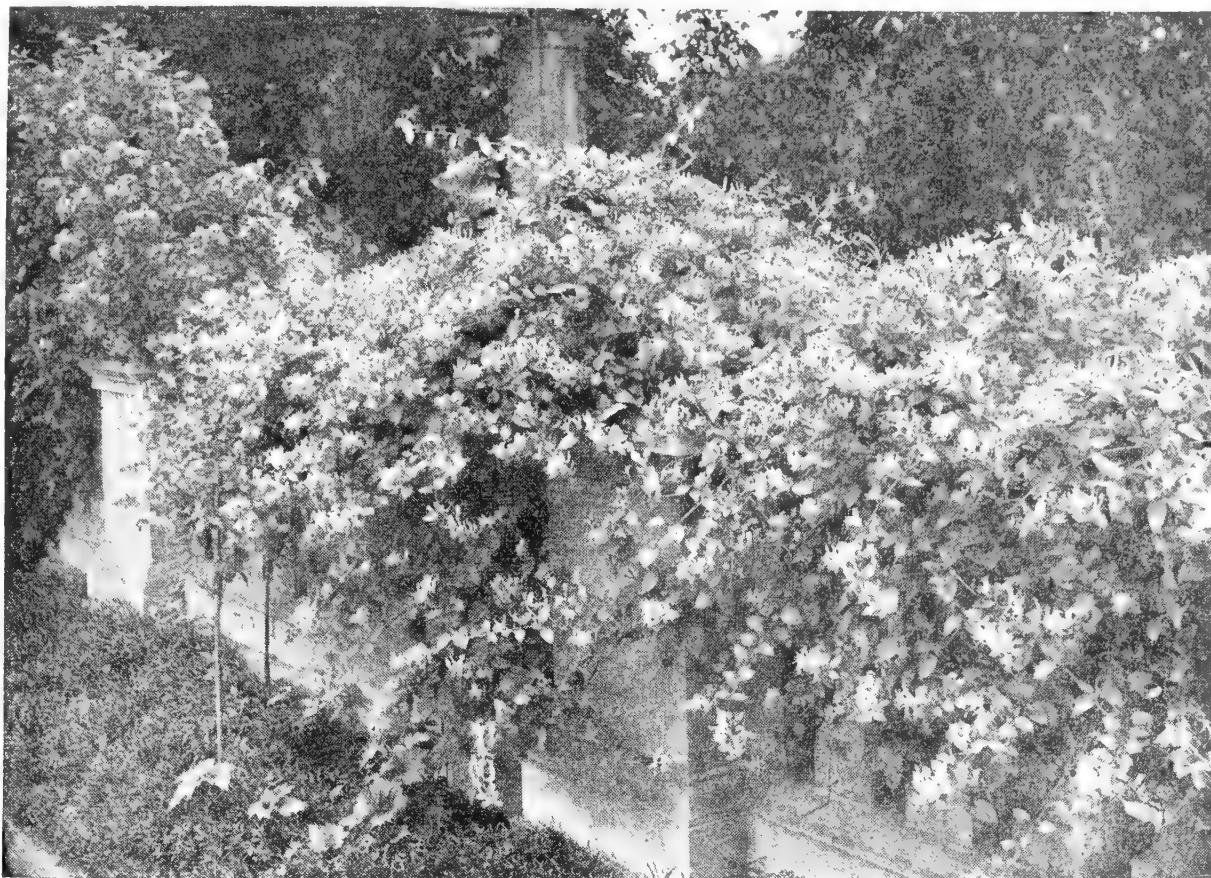
MIRANDY. The plants have an abundance of dark green leathery and disease-free foliage. Color crimson red with darker shading. Very full high centered blooms. **Each \$2.00**

REX ANDERSON. An outstanding white rose, perfectly formed, slow opening, fully double flowers. **Each \$1.50**

PINOCCHIO. Hardy, easy to grow. A continuous artistic spray of small pointed buds, opening into double soft clear pink flowers. **Each \$1.25.**

SIGNORA. Has buds of bronzy orange, opening to lighter mandarin, shading to salmon. Stands hot weather well. **Each \$1.50**

WILL ROGERS. Very double, dark velvety crimson maroon. Free blooming. Strong, vigorous plants. **Each \$1.25**



Hall's Honeysuckle

VINES

SHRUBS AND VINES READY FOR SHIPMENT FROM MARCH 1ST TO APRIL 15TH

Note: Shrubs will be shipped on receipt of orders or as soon as they can be dug, unless instructed to the contrary. If wanted by parcel post add 5c for each plant.

AMPELOPSIS (Boston Ivy).

Veitchi. This is the most deservedly popular of all climbing plants, being entirely hardy in the most exposed places and attaining a height of 30 ft. in two or three years; clings to stone, brick or woodwork with the greatest tenacity. **Each 85c**

CLEMATIS (Paniculata). This grand climbing vine is one of the most valuable for porches. Blooms in the early fall, fleecy-white, fragrant flowers. Strong two-year plants. **Each 80c**

HONEYSUCKLE, Climber.

Halliana (Hall's Japanese Honeysuckle). A strong, vigorous, almost evergreen sort; white flowers changing to yellow; very fragrant; flowering from July to December. **Each 40c.**

Scarlet Trumpet. An attractive vine with large light green foliage and showy coral-red flowers. **Each 45c.**

WISTERIA

W. Sinensis (Chinese). Flowers in clusters; purple; sometimes gives a second crop of flowers in the fall. Strong plants. **Each 75c.**

W. Sinensis Alba. Of similar habit to Sinensis, with pure white flowers. Strong plants. If available. **Each 75c.**

We send out only strong, healthy plants, and cannot be responsible for the care and growth after leaving our hands. If plants do not reach you in good condition, please notify us at once upon arrival.

FERTILIZER IS THE PLANTS' FOOD

To obtain successful growth of plants, the soil must contain plant food of the proper kind in available form and in proper amounts. The three principal elements needed are nitratin, phosphorus and potash.

SUGGESTIONS ON PLANTING SHRUBS

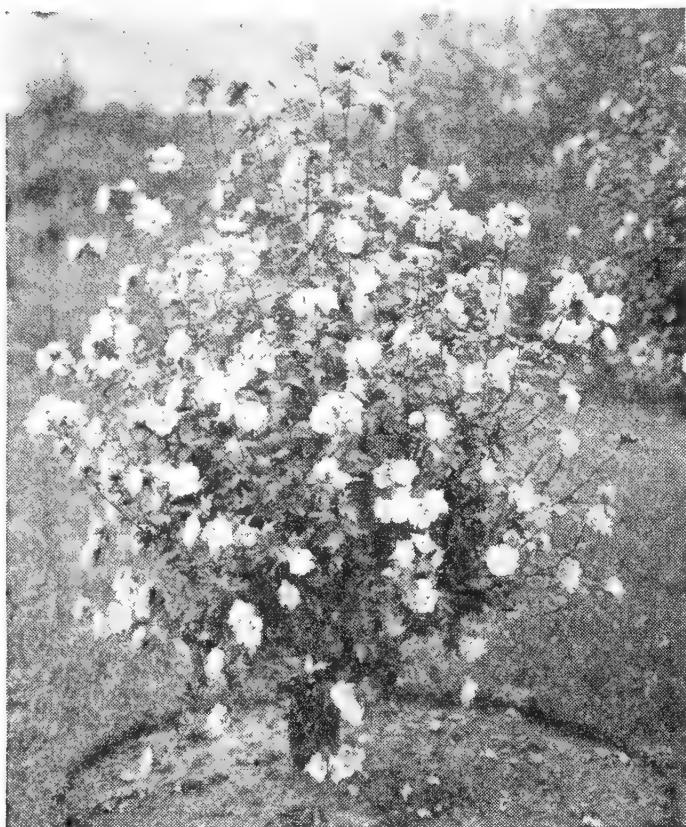
The best time to plant shrubbery is early spring, as soon as the ground is dry enough to handle. Any fair garden soil well drained is suitable. Dig a hole that is six inches larger all around than the root system when spread out. Long straggling or broken roots should be cut back.

Loosen soil at bottom of hole, spread roots naturally and set the plant about the same depth as it grew in the nursery, fill in soil and tamp

around the roots, water heavy, and pull loose soil around the plant. The top of the plant should be cut back severely, usually one-third to one-half.

It is not possible to give any specific information as to how far apart to plant shrubbery unless one knows the use for which it is intended, but plants should be given plenty of room. When plants begin to grow give a handful of complete fertilizer.

HARDY FLOWERING SHRUBS



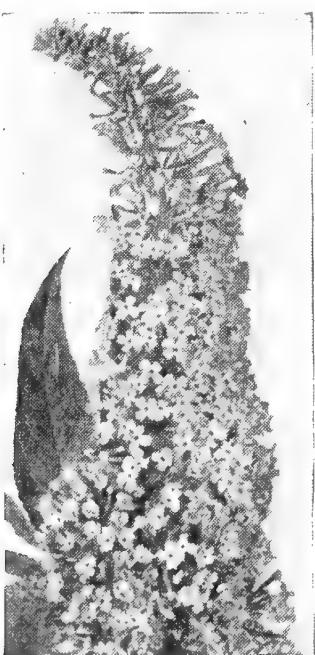
Althea (Rose of Sharon)

ALTHEA (Rose of Sharon). The Altheas are among the most valuable of our tall, hardy shrubs on account of their late season of blooming, which is from August to October; grow about 8 ft. high. **Pink, red, white.** **Each 50c**

BUDDLEIA (Butterfly Bush).

Davidii Magnifica (Oxeye Butterfly Bush.) The old favorite, with deep lavender spikes from June until late summer. **Each 65c**

Dubonnet. Spikes of deep claret-purple. Very vigorous and free flowering. **Each 75c**



Buddleia (Butterfly Bush)

CALYCANTHUS, Floridus. Deep green glossy foliage. Fragrant deep plum colored flowers. Thrives well in shade. **Each 90c**



Calycanthus, Floridus

CREPE MYRTLE (Lagerstroemia).

Indica. A beautiful shrub, blooming late in summer. Protect in winter as you do roses. **Red, purple or white.** **Each 65c.**

CYDONIA, Japonica.

Flowering Quince. Semi-upright shrub, bearing a profusion of light red flowers in early spring, fragrant fruit in fall. **If available.** **Each 65c.**

FORSYTHIA. A very decorative shrub with bright golden yellow, star-shaped flowers which burst into bloom at the beginning of spring while the bush is otherwise bare; grows about 6 ft.

Intermedia. Flowers bright yellow, glossy green foliage, 3 or 4 ft. extra bushy. **Each 75c**

Spectabilis. Hardiest of all Forsythias. A very profuse bloomer. Highly ornamental. Large rich yellow flowers. **Each 75c**

HYDRANGEA.

Arborescens Grandiflora Alba (Snowball Hydrangea). The snow-white blooms are of the largest size coming into flower early in June and lasting until late in August. Especially suited for shaded places; grows about 5 ft. high. **Each \$1.00**

Paniculata Grandiflora. The large panicles of white flowers are at their best during August; later they take on a reddish cast; grows about 5 ft. high. **Each \$1.00**

LILAC or SYRINGA (French Hybrid).

Red, Blue or White. If available. **Each 85c.**

LONICERA (Upright Honeysuckle).

Tatarica Grandiflora Rosea. A beautiful shrub, very vigorous, and producing bright red flowers striped with white in June; grows about 8 ft. **Each 65c**

MAGNOLIA SOULANGEANA. The well known shrub Magnolia, whose flowers appear before the leaves. An upright grower. Flowers open light purple at the base, shading to pink. **If available.** **Each \$6.50**

HARDY FLOWERING SHRUBS



Weigela

PHILADELPHUS (Mock Orange).

Grandiflorus (Mock Orange). Grows 10 ft. high. For grouping with other shrubs, forming large screens or hedges which may not require pruning, or used as single specimen lawn plants they are desirable. Fragrant, white flowers in dense clusters. **Each 65c**

Virginal. In June the plants appear as a huge bouquet, being completely covered with very large, double crested flowers that are pure white, sweet-scented and produced in clusters of five to seven. Grows about 8 ft. high. **Each \$1.00**

SPIREA.

Anthony Waterer. Bright crimson; it is of dwarf, dense growth, never exceeding 30 in. in height. If available. **Each 45c.**

Van Houtte. It is a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. Grows 6 ft. high. **Each 60c.**

TAMARIX. Hispida. A refined graceful shrub. Foliage is very delicate and feathery. Flowers are light pink, borne in loose sprays. **Each 50c.**



Spirea Van Houtte

VIBURNUM.

Common Snowball (*V. opulus sterile*). This old-fashioned favorite grows most anywhere. Attains a height of 6 to 8 ft. **Each 90c.**

Opulus (High-Bush Cranberry). The white flowers in June are followed in autumn by bright scarlet berries. About 5 ft. high. **Each 90c.**

VITEX (Macrophylla). This rare plant should be in every garden. The blue flowers are borne profusely on terminal spikes during midsummer. The leaves are deeply cut to star shape. 5 ft. **Each 75c.**

WEIGELAS.

Eva Rathke. Medium height with spreading branches. The flowers are rich red and produced in great profusion in the spring and at intervals throughout the summer. **Each 80c.**

Rosea. The flowers are rose pink. Plants are spreading, height about 5 ft. **Each 60c.**

HEDGE PLANTS

CALIFORNIA PRIVET. Privet is somewhat of an Evergreen nature and looks attractive until real winter sets in. Plants should be set 12 in. apart in double rows, in zig-zag fashion. 2-year-old, 24 to 30 in.

10 for \$1.25; 20 for \$2.40; 100 for \$11.00.

BERBERIS THUNBERGII (Barberry). Perfectly hardy. Will make a dense hedge from 12 to 18 in. high. **Each 30c; 10 for \$2.30; 100 for \$21.00.**
If available.

RED-LEAVED BARBERRY. It is similar in all respects to the green-leaved Barberry which is so popular, but the foliage is bronzy red. **Each 75c; 10 for \$7.00.**

For a Better Lawn Sow
HAVALAWN GRASS SEED

VEGETABLE SEEDS

ARTICHOKE, Green Globe. The plants of medium height. The edible buds or flower heads are deep green, globe-shaped. The fleshy scales are moderately broad and full at base and are regarded as a delicacy.

Pkt. 10c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.50.

ASPARAGUS, Martha Washington. (One ounce will sow 50 feet of drill.) The shoots of this vigorous and prolific variety are large, deep green, tinged with purple at the tips, and are resistant to Asparagus Rust.

Pkt. 10c; oz. 20c; 1/4 lb. 65c; lb. \$2.00.



St. L. S. Co's White Wax

DWARF BEANS

One pound will plant 100 feet of row;
thirty pounds will plant an acre.

At the following prices on Beans, packets up to five pounds are sent prepaid, all larger quantities are shipped at purchaser's expense.

Write for prices in larger quantities.

Culture: Plant about the first of May in rows, placing the seed 2 to 3 inches apart in drills about 2 inches deep. The rows should be about 2 1/2 feet apart, and the soil slightly hilled, to insure good drainage. Frequent pickings insure a more prolonged bearing season. For succession plant every two weeks up to August 1st.

GREEN-PODDED VARIETIES

BOUNTIFUL STRINGLESS. 48 days. This is the best flat-podded stringless variety. The light green pods are 6 1/2 to 7 inches long, stout, flat, somewhat curved, absolutely stringless.

Pkt. 10c; 1/2 lb. 25c; lb. 45c; 5 lbs. \$1.90.

FULL MEASURE. 54 days. Pods are medium green, round, fleshy, fine grained and strictly stringless.

Pkt. 10c; 1/2 lb. 25c; lb. 45c; 5 lbs. \$1.90.

MAMMOTH STRINGLESS GREEN POD. (Tender-green.) 56 days. A very high quality green-podded sort, producing large pods, some of which measure 6 inches in length, of the finest quality. Pods are perfectly round.

Pkt. 10c; 1/2 lb. 25c; lb. 45c; 5 lbs. \$1.90.

STRINGLESS GREEN POD—Burpee's. 52 days. A very desirable dwarf green-podded snap Bean largely grown for the market. The pods are medium green, 5 to 6 inches long, are of high quality and remain crisp and tender.

Pkt. 10c; 1/2 lb. 25c; lb. 45c; 5 lbs. \$1.90.

SOY BEAN, Aoda (Edible) Aoda is later than Bansei. The seeds are larger and bright green. Plants grow from 24 to 36 inches high.

Pkt. 10c; 1/2 lb. 25c; lb. 40c.

SOY BEAN BANSEI—(Edible). Bansei is one of the earliest and most productive of the edible soys. The plants grow 24 inches high. Do not require support.

Pkt. 10c; 1/2 lb. 25c; lb. 40c.

THE COMMODORE. (A Dwarf Kentucky Wonder.) Pods 8 to 9 inches. Excellent quality. Very fleshy, brittle, and of fine texture, stringless. Medium early. Plants are vigorous, of an upright growth so that the pods seldom touch the ground. An All-America Selection.

Pkt. 10c; 1/4 lb. 20c; 1/2 lb. 35c; lb. 65c.

VALENTINE STRINGLESS. 45 days. Plants strong and vigorous; pods green, medium length with creases in the back; very fleshy, crisp and tender.

Pkt. 10c; 1/2 lb. 25c; lb. 45c; 5 lbs. \$1.90.

WHITE NAVY. (Shell Bean.) The famous little white soup Bean.

Pkt. 10c; 1/2 lb. 15c; lb. 25c; 5 lbs. 85c.

WAX-PODDED VARIETIES

ST. L. S. CO.'S WHITE WAX. 48 days. This round-podded Dwarf Wax Bean has attained the top notch among Beans of this class, the pods average 5 to 6 inches in length, a round-podded wax variety; they are very solid, meaty and tender.

Pkt. 10c; 1/2 lb. 25c; lb. 45c; 5 lbs. \$1.90.

GOLDEN WAX. 48 days. A splendid home garden variety; also much used for canning. Plant small, productive. Pods very attractive; golden yellow; 4 1/2 to 5 inches long, thick, oval, fleshy, brittle, stringless.

Pkt. 10c; 1/2 lb. 25c; lb. 45c; 5 lbs. \$1.90.

POLE BEANS

One pound will plant 100 feet of row;
thirty pounds will plant an acre.

Prices on Beans, packets up to five pounds are sent prepaid, all larger quantities at purchaser's expense.

Culture: Pole Beans are more sensitive to cold than the bush kinds, and should not be planted before the ground is warm—in this latitude, after May 1st. Set poles 6 to 8 feet long, 3 to 4 feet apart, in 4-foot rows and plant five or six beans 2 inches deep around each pole.

KENTUCKY WONDER, Old Homestead. 65 days. Unexcelled for home and market garden, thrifty, heavily productive. Pods medium green; 8 to 9 inches long, nearly round and 1/2 inch in diameter; slightly stringy, fleshy.

Pkt. 10c; 1/2 lb. 25c; lb. 45c; 5 lbs. \$1.90.

ST. L. S. CO.'S WHITE CORNFIELD. 65 days. An early maturing, green-podded, white-seeded pole sort, desirable for snaps and unsurpassed in its class as green shell beans. The pods are round, very long, often 8 to 9 inches.

Pkt. 10c; 1/2 lb. 25c; lb. 45c; 5 lbs. \$1.90.

YARD LONG POLE BEAN. (A novelty.) Excellent climber and heavy producer. Pods medium green, 20 to 30 inches long.

Pkt. 10c; 1/4 lb. 20c; 1/2 lb. 30c; lb. 50c.

DWARF or BUSH LIMA BEANS

One pound will plant 60 feet of row;
50 to 60 pounds per acre.

BURPEE'S IMPROVED BUSH LIMA. 75 days. Plant large, productive. Pods large, 4½ to 5 inches long; usually contain 4 large, thick beans. Dry beans large, flat, greenish white.
Pkt. 10c; ½ lb. 30c; lb. 50c; 5 lbs. \$2.25.

FORDHOOK BABY LIMA. A dwarf baby lima with plump potato shaped green beans. Pods 2 to 3 inches long. Plants 18 inches tall.
Pkt. 10c; ½ lb. 25c; lb. 45c; 5 lbs. \$1.90.

HENDERSON'S BUSH (Baby Lima). 65 days. Popular for canning. Very productive. Pods 3 inches long, contain 3 to 4 seeds. Splendid quality.
Pkt. 10c; ½ lb. 30c; lb. 50c; 5 lbs. \$2.25.



Crosby's Egyptian

EDMAND'S BLOOD TURNIP. The attractive roots are uniform and smooth. The flesh is tender. An excellent canner.

Pkt. 10c; oz. 20c; ¼ lb. 55c; lb. \$1.75.

CROSBY'S EGYPTIAN. (Selected.) 56 days. The roots are flattened, globe-shaped and very smooth. This is one of the best for early planting outdoors.

Pkt. 10c; oz. 20c; ¼ lb. 55c; lb. \$1.75.

BEET SPINACH or SWISS CHARD

LARGE RIBBED WHITE. The leaves are broad, somewhat waved stalks broad and white.

Pkt. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.50.

LUCULLUS. Large leaves are wrinkled with thick midribs, tender and of good flavor.

Pkt. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.50.

RHUBARB CHARD. Has all chard characteristics except color. It has dark green heavily crumpled leaves with crimson stem and mid ribs.

Pkt. 10c; oz. 35c; ¼ lb. \$1.00; lb. \$3.50.

BORAGE

A hardy annual used as a pot herb and for bee pasturage. The bruised leaves immersed in water give it an agreeable flavor.

Pkt. 10c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.35; lb. \$4.50.

BROCCOLI

Closely allied to the Cauliflower. It is generally considered more hardy. Sow seed in frames early in spring, culture same as cauliflower.

GREEN SPROUTING CALABRESE. The plants form a large, solid head which remains green. After this head is cut out, a number of sprouts develop from the leaf-axils, each sprout terminating in a small head about one inch in diameter.

Pkt. 10c; ½ oz. 25c; oz. 45c; ¼ lb. \$1.45.



Green Sprouting Calabrese

BEETS

Culture: Seed should be sown at the rate of one ounce to 50 feet of row; 5 to 6 pounds to acre. The rows should be spaced 16 to 18 inches apart. Work the soil well and cover the seeds about ½ inch deep.

DETROIT DARK RED. (Selected.) 55 days. The standard of excellence in table Beets for home and market garden, for shipping, and for canning. Roots globe-shaped; very dark blood red.
Pkt. 10c; oz. 20c; ¼ lb. 55c; lb. \$1.75.

EARLY WONDER. (Selected.) 54 days. This is the earliest Beet for bunching purposes. Deep blood-red, nearly globular root. Its attractive appearance makes it valuable for market garden.
Pkt. 10c; oz. 20c; ¼ lb. 55c; lb. \$1.75.

BRUSSELS SPROUTS

They are grown wherever conditions are favorable for late cabbage and require the same culture. They mature best in the autumn after the weather becomes cool.

LONG ISLAND IMPROVED. Plant dwarf and compact; 20 inches tall; very uniform; stem well covered with firm, round, cabbage-like balls of 1½ to 2 inches in diameter.

Pkt. 10c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.50.



Perfection Late Savoy

CHINESE or CELERY CABBAGE

Culture: This is not a true Cabbage and is often called Celery Cabbage on account of the shape of the heads which resemble celery. The flavor is distinct. It combines the qualities of both celery and cabbage and is highly prized as a salad vegetable. Plant seed out-of-doors in early summer. Thin to 12 to 16 inches apart in the rows. If planted too early this species will "bolt" during hot weather and fail to form heads.

CHIHLI. This is a sure heading, vigorous growing variety with erect, cylindrical pointed head 18 to 20 inches long.

Pkt. 10c; oz. 25c; ¼ lb. 75c.



Copenhagen Market

CABBAGE

One ounce will produce about 2,000 plants; ¼ lb. seed in beds will produce plants for one acre.

Culture: Sow the early kinds in hotbeds in February and March, and in the open ground in April and May. The late varieties for fall and winter use sow in May, and transplant in July. Plant the early sorts 20 inches distant in a row and 2 feet between the rows; the later sorts 2½ feet each way. To be well grown, Cabbages require a deep, rich loamy soil.

ALL SEASON or SUREHEAD. 85 days. The name best describes this variety as it is sure-headed, of the flat Dutch type of heads and a first class main crop. The heads are very large and solid.

Pkt. 10c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.25.

CHARLESTON or LARGE WAKEFIELD. 70 days. The hardiness and size of this first early variety have made it very popular. It is especially recommended for succession to follow Jersey Wakefield.

Pkt. 10c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.25.

COPENHAGEN MARKET. 65 days. The compact growth of the plant, the solidity of the head, its excellent flavor, and earliness. Copenhagen Market is one of the most popular early Cabbages.

Pkt. 10c; ½ oz. 25c; oz. 45c; ¼ lb. \$1.45.

EARLY DWARF FLAT DUTCH. 70 days. Plants compact; stem short. Heads almost ball-shaped; commonly 7 to 8 inches in diameter, 6 inches deep, and weigh 4½ to 5 lbs.; firm and of high quality.

Pkt. 10c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.25.

EARLY JERSEY WAKEFIELD. 62 days. Extremely early variety, very valuable for home and market garden. Heads firm and conical, usually 7 inches long, 5 inches thick near base.

Pkt. 10c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.25.

GOLDEN ACRE. 62 days. The earliest round headed Cabbage; especially valuable for early market and shipping. Plants compact; stem short; heads uniformly round; firm, commonly 6 inches in diameter and weigh 3 pounds. This is similar to Copenhagen Market but is several days earlier, and the heads are smaller.

Pkt. 10c; ½ oz. 25c; oz. 45c; ¼ lb. \$1.45.

MARION MARKET. (Yellows Resistant.) 85 days. This was originally bred from Copenhagen Market. It takes about 20 days longer to mature.

Pkt. 10c; ½ oz. 25c; oz. 45c; ¼ lb. \$1.45.

SUPERIOR LATE FLAT DUTCH. 100 days. We recommend this sort for markets that require a very large and deep head. The plants are large, fairly compact.

Pkt. 10c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.25.

RED CABBAGE

MAMMOTH ROCK RED. The largest and surest heading red Cabbage.

Pkt. 10c; ½ oz. 25c; oz. 45c; ¼ lb. \$1.45.

SAVOY or CURLED CABBAGE

PERFECTION LATE SAVOY. The best of the main crop and late Savoys for home use or market.

Pkt. 10c; ½ oz. 25c; oz. 45c; ¼ lb. \$1.45.

CARROTS

One ounce will sow 100 feet of drill.

Culture: April is the time to sow for early use. Sow seeds in drills 12 to 15 inches apart, covering seed about $\frac{1}{4}$ inch. For general crop sow in May and June.

CHANTENAY HALF-LONG SCARLET or MODEL. 70 days. Roots about 5 to 6 inches in length, 2 to $2\frac{1}{2}$ inches thick at the crown, smooth and tapering. Small top set in a slight depression. Color deep orange red. A fine medium early, half-long, stump-rooted.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

RED-CORED CHANTENAY. 70 days. This is a distinct improvement over the well known Chantenay. Roots 5 $\frac{1}{2}$ to 6 inches long, $2\frac{1}{4}$ inches thick at the shoulder, tapered, stump-rooted; flesh and core reddish orange.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

DANVERS HALF-LONG. (Selected.) 75 days. For a general crop Danvers Half-Long Carrot stands supreme; a half-long orange Carrot. The tops are of medium size. The mature roots are 6 to 8 inches long.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

IMPERATOR (Bunching Carrot). 80 days. An unusually fine variety high quality roots, rich orange, very little core, and of fine sweet flavor.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

OX-HEART or GUERANDE. 70 days to produce roots of good table size. Roots scarlet-orange; broad, blunt, heart-shaped; become $4\frac{1}{2}$ to 5 inches long.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

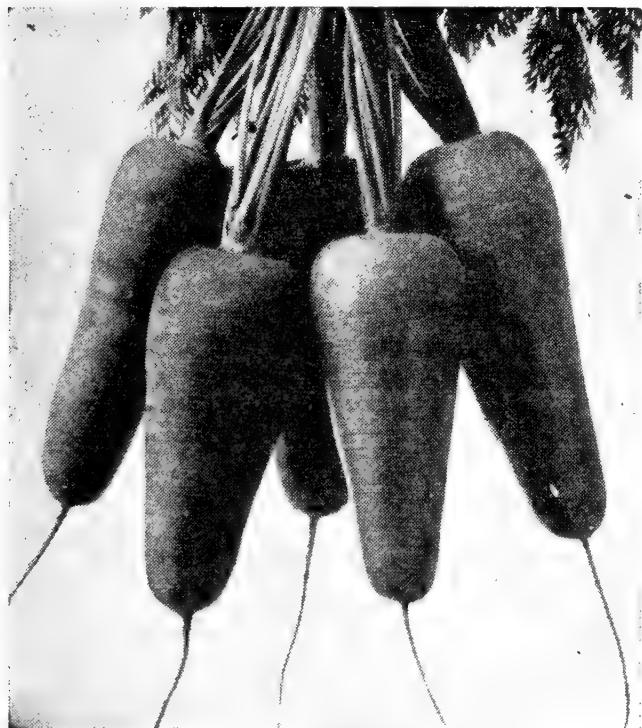
ST. VALERY. 85 days. The roots are very deep orange, long and comparatively thick, often 12 inches in length and 3 inches in diameter at the crown, tapering regularly to a point.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

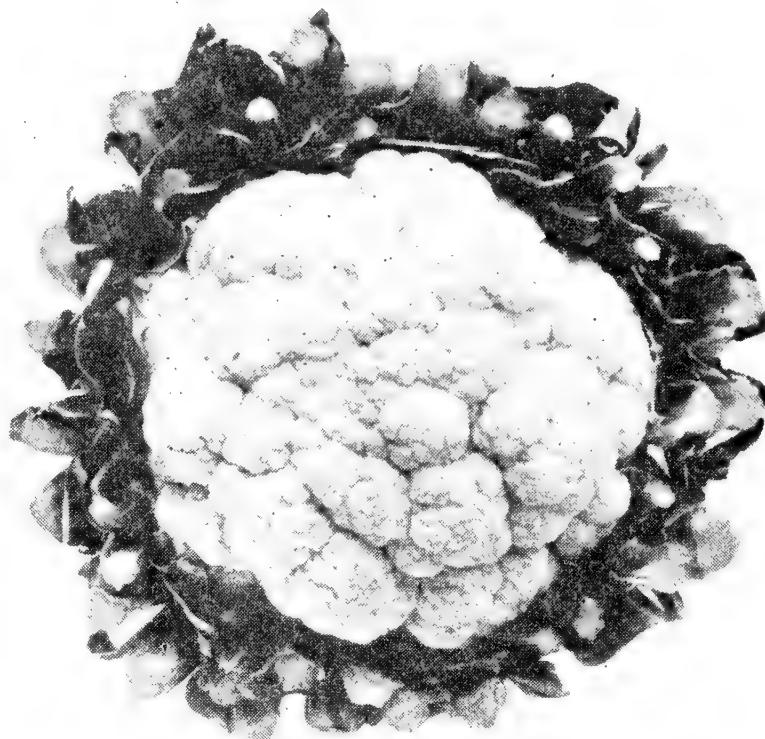
CARDOON

CARDOON. Long, smooth stalks, requires blanching. Raised like celery. Tender roots used as a winter vegetable.

Pkt. 10c; $\frac{1}{2}$ oz. 35c; oz. 60c; $\frac{1}{4}$ lb. \$1.90.



Chantenay Half Long



St. L. S. Co.'s Super Snowball

CAULIFLOWER

One ounce of seed will produce from 3,000 to 4,000 plants.

Culture: For spring and early summer crop, sow in February or early in March in hotbed. Seed should be thoroughly pressed into the ground after sowing. This insures quick germination. Cover seed with $\frac{1}{8}$ inch of fine soil. Transplant to cold frame when sufficiently large to handle. As soon as danger of hard freezing is over set in open ground in rows $2\frac{1}{2}$ to 3 feet apart and 18 inches apart in row.

ST. L. S. CO.'S SUPER SNOWBALL. 65 days. This Snowball is healthier and more vigorous than any of the old stocks. The head is perfectly protected by leaves until it reaches a size of five inches in diameter, when it needs to be tied up; and then, if growing conditions be favorable, the head will attain marketable size in a few days.

Pkt. 15c; $\frac{1}{4}$ oz. \$1.00; oz. \$3.50.

CELERY

One ounce will produce about 3,000 plants.

Culture: The proper time to sow is early in April, transplanting about the first of June. Set in rows 3 feet apart, and about 8 inches between plants in the row.

GIANT PASCAL. One of the old standard green varieties, exceptionally fine flavored and brittle. Our strain is comparatively free from soft stalks.

Pkt. 10c; $\frac{1}{2}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$2.25.

GOLDEN PLUME. This strain of Celery closely resembles the old Golden Self-Blanching in crispness and flavor, but is distinctly larger and ranker in growth, more plainly ribbed, blanches more quickly, matures earlier.

Pkt. 10c; $\frac{1}{2}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$2.25.

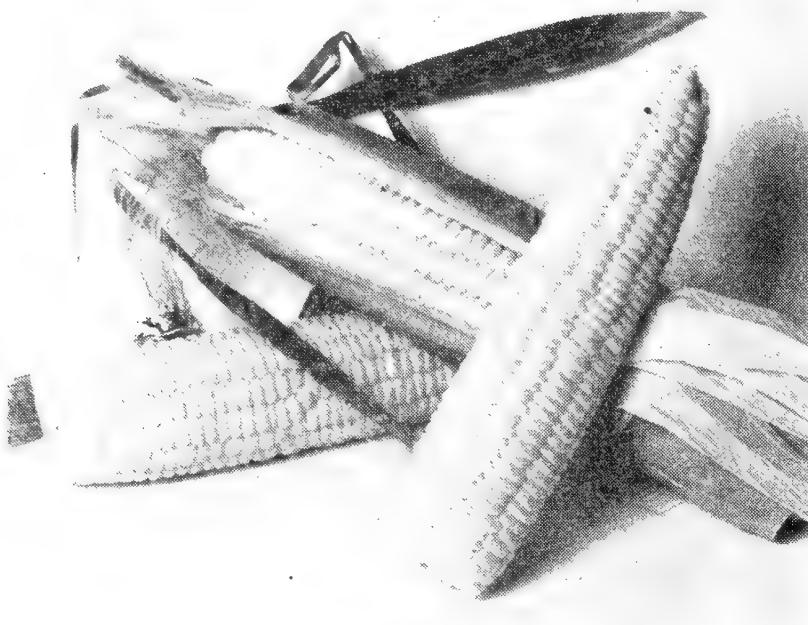
WHITE PLUME. The plants are of vigorous growth. They blanch easily and quickly.

Pkt. 10c; $\frac{1}{2}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$2.25.

TURNIP-ROOTED CELERY

GIANT PRAGUE. An improved variety of turnip-rooted celery producing large tubers of nearly globular shape and comparatively smooth surface.

Pkt. 10c; $\frac{1}{2}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$2.25.



Golden Cross Bantam

CELTURE

BURPEE'S. When plants are young, the leaves may be used as lettuce or as boiling "greens." The stalks, when outer skin is removed, may be eaten raw or cooked.

Pkt. 10c; 1/4 oz. 25c; 1/2 oz. 45c.

CHICORY

Culture: Sow seed at the same season and give the same treatment as celery. Transplant to moist, rich soil, in rows 2 feet apart and 6 inches apart in row. Give thorough culture. It is not necessary to earth up or "handle" the plants. After the roots are 2 inches in diameter, they are ready for use.

WHITLOOF CHICORY. The seed should be sown during April in the open ground, in drills 10 to 12 inches apart. Allow the plants to grow until November, then take up and trim off the outer leaves and place in a trench 8 to 12 inches deep. For blanching place the roots upright, about 1 1/2 inches apart.

Pkt. 10c; 1/2 oz. 35c; oz. 65c; 1/4 lb. \$2.00.

CHICORY, LARGE-ROOTED. The dried and prepared roots are used quite extensively as a substitute or adulterant for coffee; the leaves are used for salad.

Pkt. 10c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.75.

COLLARDS

GEORGIA or SOUTHERN. This vegetable grows 2 or 3 feet high and produces large light green leaves on rather long stems. A frost, if not too severe, will improve the quality.

Pkt. 5c; oz. 10c; 1/4 lb. 25c; lb. 75c.

CORN SALAD

LARGE-SEEDED, LARGE-LEAVED. During August or September sow the seed in shallow drills about 1 foot apart, covering with about one-fourth inch of fine soil firmly pressed down. On the approach of severe cold weather, cover with straw.

Pkt. 10c; oz. 30c; 1/4 lb. 90c.

SWEET CORN

One pound of seed will plant about 100 hills;
10 pounds an acre in hills.

Culture: A rich warm soil is the best, but excellent Sweet Corn can be raised on any good soil, that is deeply and thoroughly worked before planting. If planted in hills, make the hills for the early varieties 3 feet apart each way and plant 4 to 6 kernels to the hill. For the later sorts the hills should be 3 1/2 to 4 feet apart each way.

BLACK MEXICAN. Maturing in 85 days. This is one of the finest flavored Sweet Corns. When in table condition the kernels are pearly white.

Pkt. 10c; 1/2 lb. 25c; lb. 40c.

COUNTRY GENTLEMAN. Maturing in 100 days. Heavy yielding variety with Evergreen character. Plants 6 1/2 to 7 feet tall, commonly with 2 or more ears, set solid with irregular rows of white kernels; very deep; sweet and tender.

Pkt. 10c; 1/2 lb. 25c; lb. 40c; 5 lbs. \$1.75.

GOLDEN BANTAM. Maturing in 75 days. The ear has eight straight rows of broad, meaty kernels which are a rich, golden yellow.

Pkt. 10c; 1/2 lb. 25c; lb. 40c; 5 lbs. \$1.75.

GOLDEN CROSS BANTAM. 88 days. A sturdy hybrid that stands adverse conditions. Ears are 7 to 8 inches long with 10 to 14 rows of highest quality golden yellow kernels. Produces marked increase in yield and surprisingly uniform stalks and ears.

Pkt. 10c; 1/2 lb. 35c; lb. 60c; 5 lbs. \$2.75.

GOLDEN ROCKET. 65 days. A yellow hybrid, earlier than Golden Bantam. Plants grow about 5 1/2 ft. tall, have ears about 7 1/2 in. in length, mostly 12 row. Superior in quality. Try this new hybrid; you will find a lot of good corn on every ear.

Pkt. 10c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$3.00.

IOANA HYBRID. Productive and highly resistant to wilt. Plants tall with broad leaves, ears 7 to 8 inches long, light yellow kernels of excellent quality.

Pkt. 10c; 1/2 lb. 35c; lb. 60c; 5 lbs. \$2.75.

STOWELL'S EVERGREEN. It is the standard main crop variety, bearing thick ears which average well over 8 inches in length, often reaching 9 1/2 inches. It is one of the sweetest varieties known. The ears have 12 rows of deep kernels. Matures in about 100 days.

Pkt. 10c; 1/2 lb. 25c; lb. 40c; 5 lbs. \$1.75.

STOWELL'S EVERGREEN HYBRID. Plants grow 8 to 10 feet high. Ears 8 to 9 inches, 14 to 18 rows of white, deep narrow kernels.

Pkt. 10c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. \$2.75.

VANGUARD. Maturity in 70 days. Vanguard is the most profitable early white Sweet Corn under cultivation. It is the earliest large-eared Sweet Corn we know of, and it has excellent table quality.

Pkt. 10c; 1/2 lb. 25c; lb. 40c; 5 lbs. \$1.75.

70 DAY WHITE. A smooth seeded white corn, medium size plants, ears 6 to 7 inches.

Pkt. 10c; 1/2 lb. 20c; lb. 35c; 5 lbs. \$1.50.



St. L. S. Co.'s Improved Green Hybrid

CUCUMBERS

One ounce will plant 50 hills; 2 pounds will plant an acre.

A. & C. OR COLORADO. An attractive and outstanding cucumber of excellent quality and ideal size (8 to 10 inches), most remarkable for holding its fine dark green color. It is a vigorous, high yielding variety.

Pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. \$2.50.

BLACK DIAMOND. Fruits rich dark green, retaining their color long after pickling. 7 to 8 inches long, 2 1/4 inches thick, slightly tapered, full at both ends.

Pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. \$2.50.

EARLY WHITE SPINE. This truly is the peerless Cucumber and for slicing it has no equal. Our select strain of this variety is unsurpassed.

Pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. \$2.50.

GHERKIN or BURR. An early maturing, very small, dark green Cucumber; an ideal bottle pickle.

Pkt. 10c; oz. 25c; 1/4 lb. 75c.

JAPANESE CLIMBING. Here is a variety that won't take up so much space in your garden as it easily trails up poles or trellises.

Pkt. 10c; oz. 25c; 1/4 lb. 75c.

LONDON LONG GREEN. The fruits are very long, often 12 to 15 inches when mature, yellow when ripe. It is a standard sort for slicing and is very largely used for pickles.

Pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. \$2.50.

ST. L. S. CO.'S IMPROVED GREEN HYBRID. We consider this the finest all around Cucumber in existence. It is long and straight, color is deep green. Very productive.

Pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. \$2.50.

NATIONAL PICKLING. Is grown almost exclusively for pickling and is ideal for that purpose. It produces fruits of pickling size in 47 to 50 days and is the earliest of the varieties in common use.

Pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. \$2.50.

STRAIGHT EIGHT. This White Spine variety typifies its name, running quite straight, regularly 8 inches long and 2 inches in diameter. Color dark green, free from pale striping, and very productive.

Pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. \$2.50.

DANDELION

One ounce will sow 100 feet of row.

Culture: Sow in early spring in rows 18 inches apart, covering firmly with fine soil. Thin or transplant to 10 or 12 inches apart. The leaves are used as salad or as boiled greens.

Pkt. 10c; 1/2 oz. 55c.

CRESS

CURLED or PEPPER GRASS. The leaves are frilled or curled, and are used for garnishing. The plant is of rapid growth, about one foot high.

Pkt. 10c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.50.

WATER CRESS. Seeds may be started readily in pans or boxes of very moist earth, and when the young plants are well started, they can be transplanted to the running stream.

Pkt. 10c; 1/2 oz. 40c; oz. 75c; 1/4 lb. \$2.25.

EGG PLANT

An ounce of seed is enough for 1,000 plants.

Culture: Start the seed early March in hotbed or boxes and transplant to open ground when danger of frost has passed. The rows should be three feet apart and plants two feet in the row.

BLACK BEAUTY. Produces large, egg-shaped or bulbous fruit of fine color and quality. Has no spines, and is the earliest.

Pkt. 10c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.75.

ENDIVE

One ounce of seed for 50 feet of row:

4 to 5 pounds per acre.

Culture: Sow seed in rows 14 to 20 inches apart, and when well established, thin to one plant per foot. When nearly full grown, blanch by tying the leaves together.

FULL HEART BATAVIAN. A distinctly improved form of Broad-Leaved Endive. Plant medium large with deep, full, well blanched heart of infolded broad leaves.

Pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. \$1.75.

GREEN CURLED. (Pink Ribbed.) The leaves of this variety are finely divided, giving a mossy appearance. The center tends to blanch to a delicate white. The plant is hardy and vigorous and especially good for fall and winter use.

Pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. \$1.75.

FENNEL

FLORENCE. One of the finest Italian delicacies. It has an enlarged leaf base which should have soil drawn up around it when it is the size of a hen's egg. Used as a salad or boiled.

Pkt. 10c; 1/2 oz. 15c; oz. 25c; 1/4 lb. 75c.

POP CORN

SOUTH AMERICAN. A 12 to 15-rowed variety with smooth bright yellow kernels, which pop large and tender.

Pkt. 10c; lb. 30c.

HULLESS. White seeded. Pops large white, tender.

Pkt. 10c; lb. 30c.



Black Beauty Egg Plant

HERBS

SWEET, MEDICINAL AND POT HERBS

The varieties marked in asterisk (*) are hardy perennials. To preserve herbs properly, cut the stems and leaves just as the plant is coming into bloom, dry them in the shade, and when perfectly dry, wrap them up in paper or store them away in a dry room, or rub the leaves to a powder, pack in jars.

ANISE. An annual herb cultivated principally for its seeds which are fragrant and have a pleasant taste.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.

BASIL, SWEET. A hardy, aromatic annual. The seeds and stems have a strong flavor and are used in soups and sauces.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.

BORAGE. A hardy annual used as a pot herb and for bee pasturage.

Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.35; lb. \$4.50.

CARAWAY (Kummel). A well known herb, cultivated for its seeds.

Pkt. 10c; $\frac{1}{2}$ oz. 35c.

***CATNIP or CATMINT.** For seasoning.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

***CHIVES.** A perennial herb; member of the onion family. The slender tubular leaves have a delicate onion flavor. The flowers are lavender blue.

Pkt. 10c; $\frac{1}{4}$ oz. 25c.

CORIANDER. A hardy annual cultivated for its seed which has an agreeable taste.

Pkt. 10c; $\frac{1}{2}$ oz. 30c.

DILL, MAMMOTH. An annual of aromatic odor and pungent taste. Its seeds are used for seasoning. It possesses medical properties but its largest use is for making dill pickles. Plant branching, 2 to 3 feet high.

Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

***HOREHOUND.** A perennial herb with bitter, pungent juices that are used in making cough syrup and candies.

Pkt. 10c; $\frac{1}{4}$ oz. 30c.

***LAVENDER (Lavandula).** Lavender gets its name from the Latin *lavo*, to wash; referring to the use of lavender in the bath. Lavender is also credited with stimulant and tonic properties.

Pkt. 10c; $\frac{1}{4}$ oz. 60c.

***MARJORAM, SWEET.** The young tender tops and leaves are used green in summer to flavor broths, dressing, etc., and are also dried for winter use.

Pkt. 10c; $\frac{1}{2}$ oz. 40c; oz. 75c.

***MINTS (Spearmint).** The mint used in juleps.

Pkt. 10c.

***ROSEMARY.** The leaves are used for flavoring meats and soups, and for medicinal drinks.

Pkt. 10c; $\frac{1}{4}$ oz. 30c.

***SAGE.** Used for seasoning.

Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c.

SAFFRON. Cultivated for its flowers which are used for coloring.

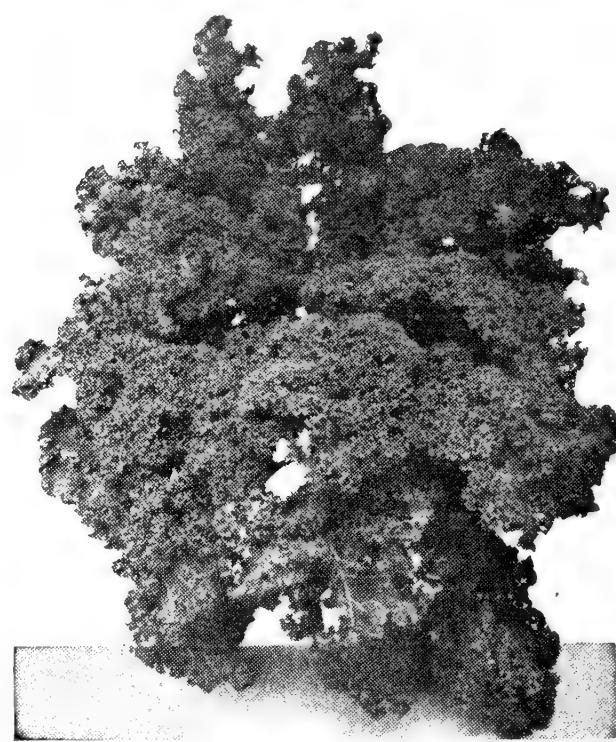
Pkt. 10c.

SAVORY, SUMMER. The dried stems, leaves and flowers are used for seasoning.

Pkt. 10c; $\frac{1}{4}$ oz. 30c.

***THYME.** A perennial herb, 8 to 10 inches high, used for seasoning.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.



Kale

KALE

Sow four pounds to the acre; one ounce will sow 100 feet of drill.

Culture: Where climate permits, seed may be sown any time from February to October.

DWARF GERMAN FOR SPRING. An improved selection of the ordinary Dwarf German Greens. A superior variety for market culture.

Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 55c; lb. \$1.75.

DWARF GERMAN HOME GROWN (for fall). Largely grown for supplying "greens" during the fall and winter. The plants are hardy. The leaves are very large, deeply curled and fringed.

Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 55c; lb. \$1.75.

DOUBLE CURLED SCOTCH. A very favorite sort for garnishing. Sometimes called Dark Green Moss Curled. Foliage dark green, very finely curled. An excellent variety, spreading habit, short stalk.

Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 55c; lb. \$1.75.

TALL SCOTCH. This variety makes beautiful plants, 2 feet or more in height. Leaves are finely curled and very tender.

Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 55c.

KOHL-RABI

One ounce will sow about 200 feet of drill.

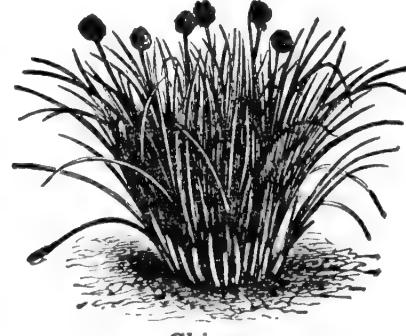
Culture: Seed should be sown in light, rich soil as early in spring as possible in rows 1 $\frac{1}{2}$ feet apart and when well established thin to 6 inches apart in the row.

EARLY WHITE VIENNA. A standard sort for market and table use. Good for forcing. This variety has a very short top and forms the ball quickly, thus making it a particularly desirable sort.

Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c.

EARLY PURPLE VIENNA. Differs from the Early White Vienna in color only.

Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c.



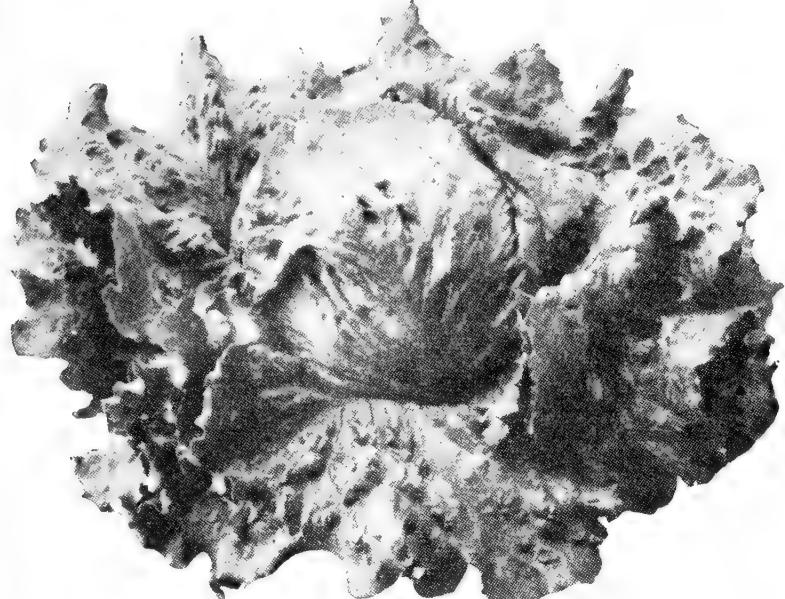
Chives

LEEK

Culture: Sow early in spring in drills 12 to 15 inches apart, covering $\frac{1}{4}$ inch deep. Thin plants to 6 inches apart in row.

LONDON FLAG. This well known broad-leaved leek is hardy, productive, of good quality.

Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 45c; $\frac{1}{4}$ lb. \$1.45.



New York

LETTUCE

One ounce will produce 3,000 plants.

EARLY CURLED VARIETIES

BLACK SEEDED SIMPSON. Easily grown, especially recommended for spring and early summer use. The leaves are large yellowish green, fringed and crumpled. The inner leaves are almost white.

Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 55c; lb. \$1.75.

EARLY CURLED SIMPSON. The standard loose-headed variety. Earlier than the heading sorts.

Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 55c; lb. \$1.75.

GRAND RAPIDS. Especially adapted for early family use. A loose-headed Lettuce of pleasing appearance and remarkable table merit.

Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 55c; lb. \$1.75.

OAK LEAF. This variety excels in ability to withstand hot weather without getting bitter. Its leaves are small, tender and deep green.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 90c; lb. \$3.25.

PRIZE HEAD. Forms a very large loose head, slightly tinged with brown.

Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 55c; lb. \$1.75.

HEADING VARIETIES

BIBB. Rather small heads. Leaves smooth, dark green bleaching to rich yellow. Very tender and sweet.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 90c; lb. \$3.00.

HARDY GREEN WINTER. The standard winter sort. Of delicious flavor.

Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c.

ICEBERG. A sure and hard-heading variety. Outer leaves light green, curly, and finely fringed. Hearts are of a beautiful white color, crisp and tender.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 95c; lb. \$3.25.

MAMMOTH BLACK SEEDED BUTTER. A fine variety for outdoor planting or for cold frames. It produces extra large heads, very compact.

Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 55c; lb. \$1.75.

NEW YORK. This is a decidedly crisp, cabbage-heading variety. It is very large, rooting deeply, resisting hot, dry weather, slow to run to seed.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 95c; lb. \$3.25.

ST. L. S. CO.'S SUMMER. This excellent variety is noted for its extra large and firm heads, and thin leaves of the finest quality. May be sown all through the year and stands heat remarkably well.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 95c; lb. \$3.25.

TRIANON COS (Romaine). Head tall and thick, blunt at top. Leaves are dark green, crimped, broad-ribbed.

Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 55c; lb. \$1.75.

ST. L. S. CO.'S BIG BOSTON. Especially valuable for summer and fall use out-of-doors. It is a butter-head type with glossy leaves tinged brown on the margins.

Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 55c; lb. \$1.75.

MUSKMELONS

Culture: A rich, sandy loam is preferable for muskmelons. Sow 10 or 12 seeds in a hill, the hills being four to six feet apart each way. Cover the seeds with about an inch of soil well firmed down. Thin the plants when they begin to crowd, leaving four of the best plants in each hill. Frequent but shallow cultivation until the runners interfere is necessary. Beetles may be kept off by dusting with Slug Shot.

BANANA. The flesh is of a rich salmon. It grows from 20 to 28 inches in length and is very prolific.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

HALE'S BEST NO. 36. The earliest shipping melon of outstanding merit. Fruits oval, 7 inches long, $5\frac{1}{2}$ inches in diameter, ribbing indistinct; covered with heavy netting. Flesh thick, color salmon orange. Fine flavored.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

TIP-TOP. Good for early or late; having a sweet, juicy, fine flavor, solid flesh. The fruit is of large size, nearly round, evenly ribbed.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

HEARTS OF GOLD or IMPROVED HOODOO. This is an orange fleshed variety of medium size, a desirable midseason sort. The vines are vigorous, blight resisting and very productive. The fruits are nearly round and medium size.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

ROCKY FORD PINK MEAT (Pollack No. 10-25). The fruits are uniform in size, with well developed gray netting. The rich salmon flesh is deep, very solid, of a luscious sweet flavor, ripens clear to the rind.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

HONEYDEW. The flesh of this variety is green, verging on creamy yellow, in color, thick and succulent, with a very small seed cavity.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.



Stone Mountain

WATERMELONS

The requirements for raising watermelons are practically the same as for muskmelons except that the vines are more spreading. Plant 8 ft. apart each way.

DIXIE QUEEN. Flesh bright red and very sweet, rind thin; outer skin light green striped with dark green.

Pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. \$2.50.

EARLY KANSAS. An exceptionally vigorous grower and heavy producer of unusually fine fruits. Oval in shape, medium size, thin rind, light green with dark irregular stripes. Flesh deep red.

Pkt. 10c; oz. 20c; 1/4 lb. 65c; lb. \$2.00.

IMPROVED KLECKLEY'S SWEET. This is considered the sweetest of the large melons. Particularly adapted for home garden. Is oblong in shape, about 22 inches long and 12 inches in diameter. Rind dark green in color. The flesh is bright scarlet.

Pkt. 10c; oz. 15c; 1/4 lb. 50c; lb. \$1.75.

STONE MOUNTAIN (or Dixie Belle). Rich dark green in color with scarlet flesh that is exceptionally sweet. Very few seed are found in this melon.

Pkt. 10c; oz. 20c; 1/4 lb. 65c; lb. \$2.00.

TOM WATSON. The rind is dark blue-green; the flesh is deep red and very sweet.

Pkt. 10c; oz. 15c; 1/4 lb. 50c; lb. \$1.75.

Watermelon seed for tea. Per lb. 50c.

MUSHROOMS

Mushrooms may be grown in a cellar, cave, hotbed, or under benches in greenhouse, in fact most anywhere where conditions of temperature and moisture are favorable or can be controlled.

We can supply fresh, pure culture spawn in brick form. Weight about 20 ounces. A brick is sufficient to spawn ten square feet of bed.

Per brick 30c; 5 bricks \$1.25.

By mail add 5c per brick for postage.

MUSTARD

One ounce will sow 40 feet of drill.

Mustard runs to seed quickly, so that successive plantings are necessary for a continuous supply.

BLACK MUSTARD. The leaves are broad, smooth and often 12 inches long. Color deep green.

Pkt. 10c; oz. 15c; 1/4 lb. 35c; lb. 90c.

FLORIDA BROAD LEAF. Upright plants. Leaves exceptionally large, slightly crumpled and thick. Thick white midrib. A quick growing variety.

Pkt. 10c; oz. 15c; 1/4 lb. 35c; lb. 90c.

LONG STANDING CURLED. The leaves of this variety are closely curled and finely fringed. A little slower growing than the frilled varieties but longer standing.

Pkt. 10c; oz. 15c; 1/4 lb. 35c; lb. 90c.

MUSTARD SPINACH OR TENDERGREEN. Plants of rapid and vigorous growth with comparatively narrow, spoon shaped leaves of dark green. It will stand longer than most varieties without sending up seed stalks.

Pkt. 10c; oz. 15c; 1/4 lb. 35c; lb. 90c.

SOUTHERN GIANT CURLED. The leaves are large, light green with a tinge of yellow, and much crimped and frilled at the edges. The plant is upright or slightly spreading in growth.

Pkt. 10c; oz. 15c; 1/4 lb. 35c; lb. 90c.

OKRA

Pods should be used when 1 to 3 inches long. Seed should not be planted until ground is warm. Sow in rows 2 1/2 ft. apart, cover 1 inch, thin plants to 1 1/2 ft. apart.

The young seed pods are used in soups, stews, catsup, etc. Highly esteemed in the South. After danger of frost is past, the ground being warm and in good condition, plant in rows about 2 1/2 feet apart.

CLEMSON SPINELESS. Developed by the South Carolina Experiment Station. All-America Silver Medal for 1939. A very uniform spineless strain of the Perkins long-podded type. Plant has less foliage than Perkins; pods rich green, straight, ridged. A valuable introduction for commercial or garden crops.

Pkt. 10c; oz. 15c; 1/4 lb. 30c; lb. \$1.00.

PERKINS MAMMOTH LONG POD. Very productive. Pods of an intense green color.

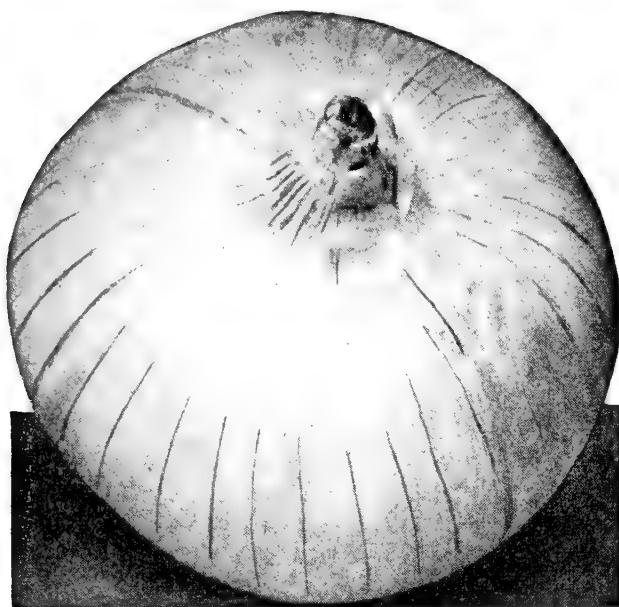
Pkt. 10c; oz. 15c; 1/4 lb. 30c; lb. \$1.00.

EARLY DWARF GREEN. An extra early maturing variety. Very productive. Plants are more dwarf in habit of growth than those of other varieties. Pods short, deep green.

Pkt. 10c; oz. 15c; 1/4 lb. 30c; lb. \$1.00.

WHITE VELVET. Height of stalk about 3 1/2 feet, pods greenish white, unusually long, often 10 inches. Perfectly smooth.

Pkt. 10c; oz. 15c; 1/4 lb. 30c; lb. \$1.00.



Yellow Prize Taker

ONIONS

An ounce will sow 100 feet of drill, four to five pounds to the acre for large onions.

Culture: As early in spring as ground can be worked, sow in rich soil, thoroughly pulverized, in rows 12 to 15 inches apart, covering $\frac{1}{8}$ -inch deep. When 2 or 3 inches tall, the young plants should be thinned to prevent crowding.

CRYSTAL WAX. An extremely mild onion of the white Bermuda type. Bulbs medium size, flat, flesh white.

Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

GIANT YELLOW PRIZE TAKER. A main crop onion of the largest size and nearly globular in form, sloping slightly at the shoulder and base. Skin is yellowish brown.

Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 55c; $\frac{1}{4}$ lb. \$1.85.

LARGE RED GLOBE. This main crop onion produces medium to large sized perfect globe-shaped bulbs with small neck, smooth and glossy, and of deep purplish red color. One of the best keepers.

Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 55c; $\frac{1}{4}$ lb. \$1.85.

LARGE WHITE GLOBE. It is sometimes called Southport White Globe. The variety yields abundantly, producing medium to large, fine shaped clear white bulbs.

Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 55c; $\frac{1}{4}$ lb. \$1.85.

PHILADELPHIA SILVERSKIN. (For pickling.) This is a medium sized onion of mild flavor and with clear white skin. The variety is a favorite bunching onion, and for pickling.

Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 55c; $\frac{1}{4}$ lb. \$1.85.

RIVERSIDE SWEET SPANISH. A very large globe-shaped, light yellow onion with small top.

Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 55c; $\frac{1}{4}$ lb. \$1.85.

BUNCHING. The earliest and best onion for early bunching; small bulbs, skin pearly white, flesh of good quality and flavor.

Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 55c; $\frac{1}{4}$ lb. \$1.85.

ONION SETS
Yellow, Red, White
25c pound, postpaid

PARSLEY

Culture: Parsley succeeds best on rich, mellow soil. The seed is slow in germinating and should be sown as early as possible in the spring, in rows 1 to 2 feet apart, covering not more than $\frac{1}{8}$ inch with fine soil firmly pressed down. When the plants are well up thin 8 to 12 inches apart in the row.

EXTRA TRIPLE CURLED (Moss Curled). One of the most popular varieties owing to the fine deep green color and attractive foliage which resembles moss.

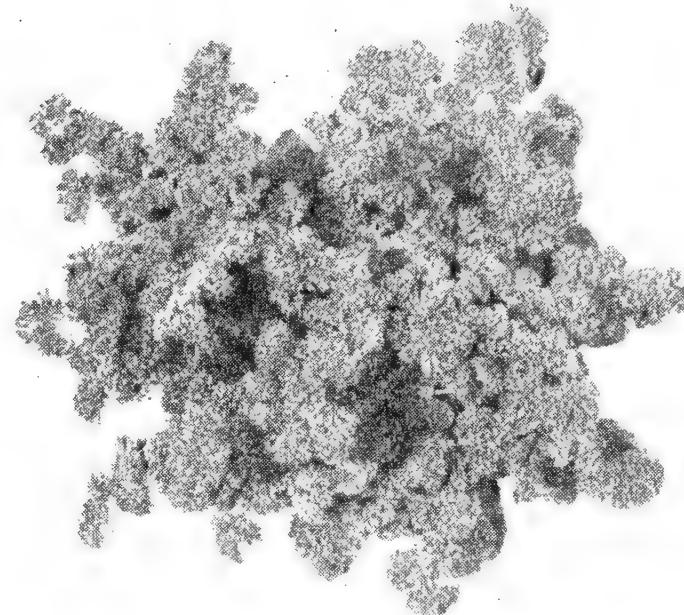
Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$1.75.

PLAIN. The leaves are deeply cut, flat and dark green in color. They are used for flavoring.

Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$1.75.

HAMBURG ROOTED. The root of this variety is edible and resembles a parsnip in shape. It is extensively used for flavoring soups and stews. The roots may be stored in sand for winter use.

Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$1.75.



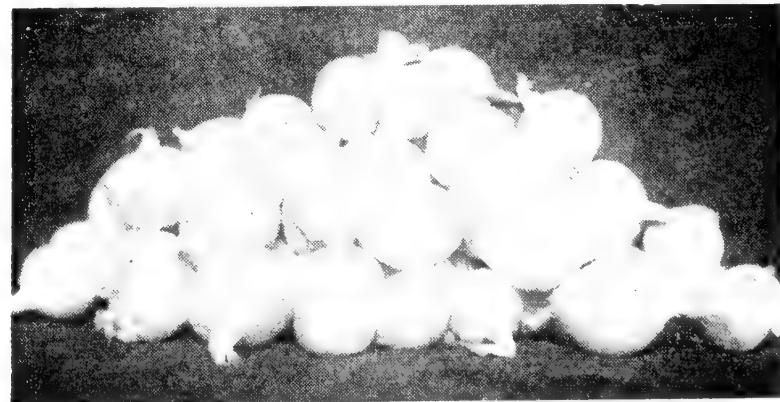
Extra Triple Curled

PARSNIPS

Culture: As the seed is sometimes slow and uneven in germination, it should be sown as early as possible. Plant in rows $2\frac{1}{2}$ feet apart; cover $\frac{1}{4}$ inch deep. Parsnips are improved by freezing. May be left in the ground all winter and used in spring.

HOLLOW CROWN. This is the most popular and best variety in cultivation. The skin is smooth and the flesh tender.

Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.



Onion Sets

OUR SEEDS ARE HORMONE TREATED

GARDEN PEAS

Culture: Sow in early spring, in rows 2 to 3 feet apart, drilling the seed 1 to 2 inches deep. The taller varieties may be sown in double rows 12 inches apart and supported with brush. One pound is enough for 100 feet of row; 2 bushels per acre. A bushel of smooth peas weighs 60 pounds; wrinkled peas, 56 pounds.

ALASKA. 56 days. Pods slightly more than 2½ inches long, straight, blunt and of pale green color. A very popular pea among canners. Vine about 30 inches high.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50.

AMERICAN WONDER. 60 days. The old popular favorite among all who grow peas. The small dwarf bushes are heavily laden with peas of the finest quality.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50.

LAXTONIAN. 58 days. Dwarf large-podded peas. The blue-green pods are often more than 4 inches long and contain 8 dark green peas of finest quality. The seeds are large, wrinkled, green and cream in color.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50.

LITTLE MARVEL. 58 days. As a main crop this is the most desirable dwarf variety. The dark green vines, 18 to 20 inches tall, grow vigorously and are laden with pods 3 inches long. Seeds are wrinkled, and green in color.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50.

MAMMOTH POD EXTRA EARLY. 60 days. This is without question the best extra early pea for market gardeners. The seed being smooth, it can be planted as early as any of the extra earlies. It is very prolific; pods of a rich dark green color. Height, 3 feet.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50.

TELEPHONE. 70 days. Pods large, dark green, straight, containing 8 to 10 peas of highest quality. Height 4 feet.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50.

EDIBLE PODDED SORTS

TALL MELTING SUGAR. 70 days. Excellent when cooked like string beans. The vines are very tall, reaching a height of 5 and 6 feet. The pods are over 4 inches long.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50.

DWARF GRAY SUGAR. 60 to 65 days. Vines about 2 feet high.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c.

BLACK-EYE. Plants grow about 36 inches tall and are very prolific. Pods long and easily shelled. May be used green or as dried shelled peas.

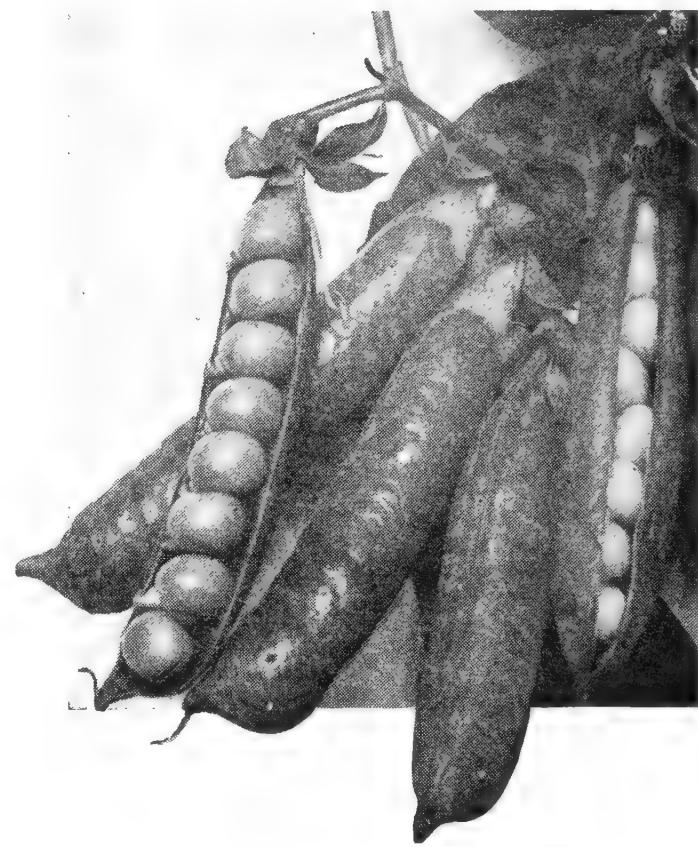
Lb. 50c.

CROWDER (Brown). An early edible podded variety used for green or for dried peas. Plants dark green, branching, about 30 inches high. Pods round, plump, filled with peas that are crowded tightly together.

Lb. 50c.

LADY. Pod oval, medium green, straight, closely filled with light green tender peas. Seed small, smooth, cream colored.

Lb. 50c.



Little Marvel

PEANUTS

Culture. Peanuts can be grown in any part of the country that will grow corn or cotton. A light soil is best. Sow in May or June, spacing the seed 8 to 10 inches and the rows 2½ to 3 feet. Do not cultivate after the vines have begun to spread.

IMPROVED LARGE JUMBO. Pods usually contain 2 large peanuts.

1 lb. 40c; 5 lbs. \$1.75.

SPANISH PEANUTS. The pods are small, well filled and of fine quality.

1 lb. 40c; 5 lbs. \$1.75.

SEED POTATOES

Prices are subject to change on potatoes.
Shipping charges to be paid by purchaser.

BLISS RED TRIUMPH. Color, a beautiful light red. Size, medium. Growth very uniform. Shape, nearly round.

EARLY OHIO (Red River). Among the standard early varieties it undoubtedly stands at the head of the list. An excellent keeper for such an early variety.

GREEN MOUNTAIN. A dependable medium late potato. Good winter keeper. Seems to thrive well in most soils.

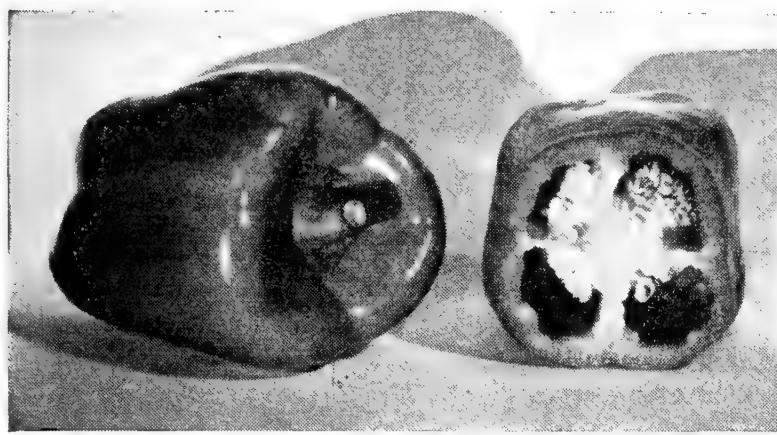
IRISH COBBLER. This has become one of the general favorites in all localities for early as well as late planting.

KATAHDIN (Late). Its growth is vigorous. Tubers are rounded with cream colored skin and very shallow eyes. Good keeper.

Write for Prices.

Culture: Any good, well drained, fibrous loam will produce potatoes under right climatic conditions. For early potatoes the soil should be particularly rich.

In the home garden potatoes are planted about 28 inches apart between the rows, 14 inches in the rows. It takes 5 to 8 lbs. (depending on their size and frequency of eyes) to plant 100 feet of row. Cut the potatoes so that each piece has 2 eyes. After cutting spread thinly in dry place for several hours to allow them to callus. Plant in March or early April, about 5 inches deep. It will take three or four weeks to sprout above the ground. Begin cultivation as soon as possible. Clean, frequent cultivation is essential, especially in the early stages. No weeds and a fine mulch should be the rule for the first few weeks. When the plants get large, making it difficult to cultivate, hill up on both sides of row, after which no cultivation will be necessary. Dig after tops have dried.



California Wonder

PEPPERS

Culture: Sow seed in hotbed in March. After danger of frost is past, transplant into open ground, in rows two to three feet apart and 18 inches apart in the rows. An ounce will produce about 1500 plants.

CALIFORNIA WONDER. An outstanding medium late variety. Fruit is four-lobed, chunky, very attractive and smooth. Flesh thick, mild and sweet.

Pkt. 10c; 1/2 oz. 35c; oz. 60c; 1/4 lb. \$1.90.

CHINESE GIANT. For size, this variety produces prize fruits. They are often 6 inches across and 4 1/2 to 5 inches deep. The flesh is moderately thick and very mild.

Pkt. 10c; 1/2 oz. 35c; oz. 60c; 1/4 lb. \$1.90.

GOLDEN QUEEN. Mild and sweet. Golden yellow, thick flesh. Three inches across and 4 to 5 inches long. The most productive large yellow pepper.

Pkt. 10c; 1/2 oz. 35c.

HUNGARIAN YELLOW WAX. This large fruited, early, hot pepper is highly esteemed for canning. The plants produce a fine crop of fruits 6 to 7 inches long and 2 inches in diameter. They are waxy light yellow at first but change to orange and then to bright red when fully ripe.

Pkt. 10c; 1/2 oz. 30c; 1 oz. 50c; 1/4 lb. \$1.75.

PIMENTO. The shape is distinctly conical, medium size. Color, when young, a glossy green turning ruby red when ripe.

Pkt. 10c; 1/2 oz. 30c; 1 oz. 50c; 1/4 lb. \$1.75.

BELL or BULL NOSE. An early sweet pepper. Large, bright red, thick flesh.

Pkt. 10c; 1/2 oz. 30c; 1 oz. 50c; 1/4 lb. \$1.75.

SMALL FRUITED VARIETIES

LONG RED CAYENNE. The fruit is 4 inches long and 1 inch thick, twisted and pointed. The flesh is strong and pungent. Recommended for drying.

Pkt. 10c; 1/2 oz. 30c; 1 oz. 50c; 1/4 lb. \$1.50.

RED CHILI. Bright red when ripe and are very hot and pungent. They are used in making pepper sauce.

Pkt. 10c; 1/2 oz. 30c; 1 oz. 50c.

ASPARAGUS ROOTS

Extra Choice Two-Year Roots

Doz. 4 Doz. 100

Washington Rust-proof... \$0.25 \$0.90 \$1.75
(By parcel post, add 5c per dozen postage.)

HORSERADISH ROOTS

The soil should be very rich and well cultivated. 12 for 25c; 3 doz. for 70c; 100 for \$1.75.

(By parcel post, add 10c per 100 postage.)

PUMPKINS

One ounce will plant about 25 hills; 4 pounds will plant an acre.

Culture: After danger of frost is over plant the seed in hills 8 to 10 feet apart each way. If planted with corn two or three seeds 15 feet apart each way will be sufficient.

CONNECTICUT FIELD. This sort is grown largely in the cornfield for stock, but the flesh is moderately fine grained. Color, a rich deep orange-yellow.

Pkt. 5c; oz. 15c; 1/4 lb. 50c; 1 lb. \$1.50.

KENTUCKY FIELD or CHEESE. Standard large pumpkin for canning and for stock feed. Fruits very large, flattened; furrowed, skin creamy buff, flesh extremely thick, deep salmon-yellow, and of good quality.

Pkt. 5c; oz. 10c; 1/4 lb. 30c; 1 lb. \$1.00.

MAMMOTH KING or POTIRON. The best large pumpkin. Forms immense globular shape, flattened a little at the end. Skin reddish yellow in color and flesh rich orange.

Pkt. 10c; oz. 20c; 1/4 lb. 65c; 1 lb. \$2.00.

SMALL SUGAR. This variety is small, but of most excellent quality for pies. The fruits are deep orange, round or somewhat flattened and slightly ribbed.

Pkt. 5c; oz. 15c; 1/4 lb. 50c; 1 lb. \$1.50.

STRIPED CUSHAW. Crook necked white rind mottled with green. Weigh about 10 lbs. each. Very prolific. Flesh thick, cream colored, excellent quality.

Pkt. 5c; oz. 15c; 1/4 lb. 50c; 1 lb. \$1.50.

RHUBARB (PIE PLANT)

One ounce will sow 125 feet of row

Rhubarb, also known as Pie Plant, is the earliest spring vegetable and is grown for its leaf stalks which are extensively used for pies and sauce.

Culture: Rhubarb succeeds best in deep, somewhat retentive soil and the richer this is and the deeper it is stirred the better. Sow in drills an inch deep and thin out the plants to 6 inches apart. In the fall transplant, setting them 3 feet apart each way and give a dressing of coarse manure every spring. Stalks should not be plucked until the second year. When a blossom appears it should be cut back well into the ground and the plant never allowed to exhaust itself by running to seed.

MYATT'S VICTORIA. A splendid early sort. Stalks are large, very thick, of rich red color, and almost stringless.

Pkt. 10c; oz. 20c; 1/4 lb. 65c; 1 lb. \$1.90.

RHUBARB ROOTS

Strong roots, 2 years old, which, if planted in good soil early in the spring, will make a strong growth and yield stalks the following spring.

McDONALD. Brilliant crimson, very tender stalks of extra large size. Ea. 65c; per doz. \$6.50.

VICTORIA only; Ea. 25c; per doz. \$2.50.

By parcel post add postage, Ea. 5c; per doz. 25c.

RADISHES

One ounce will sow 100 feet of row; 8 pounds will sow an acre in drills; 12 pounds broadcast.

ROUND SORTS

FIRE BALL. It is a "Fire Ball" both in growth and appearance and matures in 21 days from the time of germination.

Pkt. 10c; oz. 15c; 1/4 lb. 40c; 1 lb. \$1.25.

PHILADELPHIA WHITE BOX. The best of the white globe-shaped radishes.

Pkt. 10c; oz. 15c; 1/4 lb. 40c; 1 lb. \$1.25.

SCARLET TURNIP WHITE TIPPED or SPARKLER.

Something extra fine. Small in leaf, early. Flat to globular, with an unusual amount of white on the bottom which often extends one-third to one-half up the bulb, the lower half being white, the upper half bright scarlet; consequently, the contrast in color being very showy either on the table or market stand.

Pkt. 10c; oz. 15c; 1/4 lb. 40c; 1 lb. \$1.25; 5 lbs. \$5.00.

ST. L. S. CO.'S CRIMSON GIANT. It is round, bright crimson, attaining a maximum size before becoming pithy, of one and three-quarter inches long by one and one-quarter inches in diameter.

Pkt. 10c; oz. 15c; 1/4 lb. 40c; 1 lb. \$1.25.

SCARLET GLOBE. (Selected Stock). The interior of the root is pure white, mild, crisp and fine grained. Recommended for the market garden or for greenhouse forcing.

Pkt. 10c; oz. 15c; 1/4 lb. 40c; 1 lb. \$1.25; 5 lbs. \$5.00.

LONG SORTS

ICICLE. A magnificent white variety. Grows 3 1/2 to 4 inches long.

Pkt. 10c; oz. 15c; 1/4 lb. 40c; 1 lb. \$1.25.

LONG SCARLET SHORT TOP. This is a well known sort with long, bright scarlet roots 6 or 7 inches long, with small top.

Pkt. 10c; oz. 15c; 1/4 lb. 40c; 1 lb. \$1.25.

WHITE STRASSBURG. The roots are rather thick at the shoulder and are usually somewhat tapering. This is one of the best large, white later sorts.

Pkt. 10c; oz. 15c; 1/4 lb. 40c; 1 lb. \$1.25.

WINTER RADISHES

Culture. Generally sown around July 1st, the same as turnips. The Chinese type develops more rapidly, while the Spanish sorts require about 3 months to reach full size.

LONG BLACK SPANISH. 8 to 9 inches long, and 2 1/2 to 3 inches thick at the top, black skin with white flesh.

Pkt. 10c; oz. 15c; 1/4 lb. 40c; 1 lb. \$1.25.

ROSE COLORED CHINA. Root long, of a fine scarlet color. Extremely solid and a most excellent keeping variety.

Pkt. 10c; oz. 15c; 1/4 lb. 40c; 1 lb. \$1.25.

ROUND BLACK SPANISH. Good specimens are almost round and measure 3 to 4 inches through. Skin black, flesh white. A fine keeper.

Pkt. 10c; oz. 15c; 1/4 lb. 40c; 1 lb. \$1.25.

WHITE SPANISH. Very solid and tender. The best white radish for late fall planting.

Pkt. 10c; oz. 15c; 1/4 lb. 40c; 1 lb. \$1.25.



Fire Ball

SALSIFY or OYSTER PLANT

One ounce will sow 50 feet of drill.

How to Grow Salsify: Sow early in the spring in drills 15 inches apart, 1/2 inch deep; thin to 6 inches in rows. Cultivate the same as carrots or parsnips. It is hardy; can remain in the ground all winter for early spring use, but should be taken up before growth starts; take up a supply for use during the winter before ground freezes. Succeeds best in light, well-enriched, mellow soil.

MAMMOTH SANDWICH ISLAND. The best variety. Grows to a large size and is very mild and delicately flavored.

Pkt. 10c; 1/2 oz. 25c; oz. 45c; 1/4 lb. \$1.45; 1 lb. \$4.50.

SPINACH

Culture: Sow early in spring in rows 1 foot apart, cover seed 1/2 inch. Planting may be continued until May 15th. Sowing may be made again in September.

BLOOMSDALE LONG STANDING. It resembles the old Savoy, but is more compact in growth and a darker green color. Grows a little slower than Reselected Savoy, but will stay in condition for cutting two weeks longer.

Pkt. 10c; oz. 15c; 1/4 lb. 30c; 1 lb. 75c; 5 lbs. \$3.00.

BLOOMSDALE SAVOY-LEAVED RESELECTED. (Dark green.) A distinct improvement over the old standard Bloomsdale Savoy, in that it is very early and of better color, blistered and free from pointed leaves. This variety is also used very largely for fall sowing.

Pkt. 10c; oz. 15c; 1/4 lb. 30c; 1 lb. 75c; 5 lbs. \$3.00.

NEW ZEALAND. This variety endures heat and drouth; excellent for summer; leaves small and thick. A heavy yielder, growing upright. One sowing can be picked from throughout the entire summer. Germination will be improved by soaking seed in water for 12 hours.

Pkt. 10c; oz. 15c; 1/4 lb. 50c; 1 lb. \$1.50.

SORREL

Culture: The improved varieties of sorrel when well grown and cooked like spinach make a palatable dish. Sow in rows early in the spring and thin the seedlings 6 to 8 inches apart in the row. One may begin cutting in about 2 months and the plants will continue in full bearing from 3 to 4 years.

NARROW LEAVED. The best garden variety, having large, pale green leaves of fine quality.

Pkt. 10c; 1/2 oz. 35c; oz. 65c; 1/4 lb. \$2.00.

SQUASH

One ounce will plant 20 hills; 2 to 3 lbs. an acre.

Culture: As Squash plants are very tender and sensitive to cold, plantings must not be made until settled warm weather, about May 5th. Summer varieties should be planted in hills 4 to 6 feet apart each way, winter varieties 8 to 10 feet apart each way.

COCOZELLE. This bush variety, sometimes called "Italian Vegetable Marrow," produces oblong squashes often a foot in length, handsomely mottled, dark and light green.

Pkt. 10c; oz. 15c; 1/4 lb. 50c; 1 lb. \$1.60.

CUCUZZI CARAVAZZI. Fruits light green, 2 to 3 feet long, 3 inches in diameter. Also called Italian bean.

Pkt. 10c; oz. 25c; 1/4 lb. 75c; 1 lb. \$2.50.

HUBBARD. The most extensively grown winter squash. The 12 or 14 pound fruits are very dark green and somewhat warty. Keeps perfectly all winter.

Pkt. 10c; oz. 20c; 1/4 lb. 65c; 1 lb. \$2.00.

MAMMOTH WHITE SCALLOP BUSH. The plant is strictly bush in habit and bears creamy white patty-shaped fruits which are symmetrically scalloped. The flesh is milk-white.

Pkt. 10c; oz. 15c; 1/4 lb. 50c; 1 lb. \$1.60.

TABLE QUEEN or DES MOINES. Because of convenience for baking and serving in halves this little squash has gained great popularity. It weighs only about 1 1/2 pounds and is acorn-shaped, deeply furrowed, and dark green on the outside. The flesh is rich yellow.

Pkt. 10c; oz. 15c; 1/4 lb. 50c; 1 lb. \$1.60.

YELLOW SUMMER CROOKNECK. Valuable for early crop. The best and richest summer bush squash; skin bright yellow and warty.

Pkt. 10c; oz. 15c; 1/4 lb. 50c; 1 lb. \$1.60.

ZUCCHINI (Black Italian Marrow). Blocky type, 12 to 14 inches long, diameter 4 inches, skin very dark green.

Pkt. 10c; oz. 15c; 1/4 lb. 50c; 1 lb. \$1.60.

SWISS CHARD. See page 37.

TAMPALA

BURPEE'S. It is a delicious green vegetable. The leaves are prepared and served like spinach. It does well in hot weather, producing all summer.

Pkt. 10c; 1/8 oz. 35c.

TOBACCO

Culture: The seed should be sown as early as possible after danger of frost is over. When the plants are about 6 inches high, transplant into rows 4 by 4 feet apart each way. Cultivate thoroughly.

MISSOURI BROAD LEAF. Very productive.

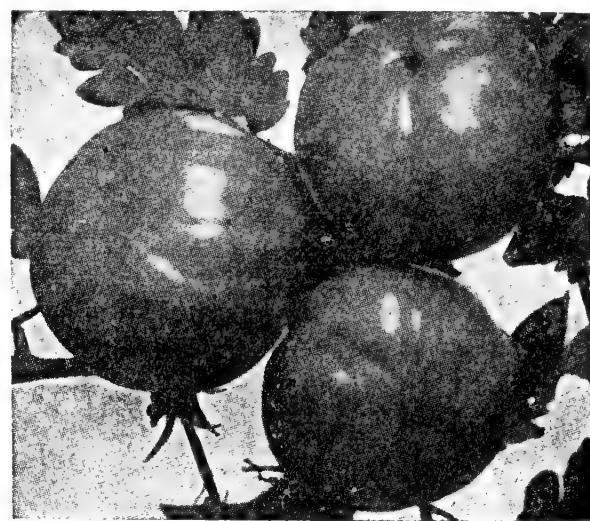
Pkt. 10c; 1/2 oz. 25c; 1 oz. 45c.

WHITE BURLEY. The main crop variety.

Pkt. 10c; 1/2 oz. 25c; 1 oz. 45c.

HAVANA. The leading smoking variety.

Pkt. 10c; 1/2 oz. 25c; 1 oz. 45c.



Break o' Day

TOMATOES

One ounce will produce about 1,000 plants.

Culture: The tomato flourishes best in warm, light soil, moderately rich. For early use sow 1/8 of an inch deep in February or March in a hotbed, or if only a few plants are wanted, they may be sown in a window box. In order to get the plants strong and stocky, they should be transplanted when 2 or 3 inches high, and a second transplanting later on will add greatly to their stockiness. When all danger of frost has passed, set out in the open ground in rows 3 feet apart and 2 feet between the plants.

BEEFSTEAK. Very large delicious meaty variety with few seeds, smooth uniform fruits are crimson red.

Pkt. 10c; 1/2 oz. 50c; 1 oz. 90c; 1/4 lb. \$2.75.

BONNY BEST. 68 days. Scarlet red, slightly flattened, globe shaped fruits, borne on medium sized vigorous plants.

Pkt. 10c; 1/2 oz. 40c; oz. 75c; 1/4 lb. \$2.25.

BREAK O'DAY. 95 days. Wilt resistant. Vines vigorous and very productive. An early scarlet fruited variety. Medium to large size and globe-shaped.

Pkt. 10c; 1/2 oz. 40c; oz. 75c; 1/4 lb. \$2.25.

FIRESTEEL. 120 days. An outstanding variety; medium to large, bright red globe-shaped fruits. A heavy producer; flesh thick and firm, seed cavities very small, ripens well up to the stem. Disease resistant.

Pkt. 10c; 1/2 oz. 35c; 1 oz. 65c.

GOLDEN PONDEROSA. Growth, size and shape similar to regular Ponderosa (yellow fruit).

Pkt. 10c; 1/2 oz. 40c; 1 oz. 75c.

JUBILEE. 72 days. Fruits are bright golden orange, thick flesh with few seeds. Attractive when sliced.

Pkt. 10c; 1/4 oz. 40c.

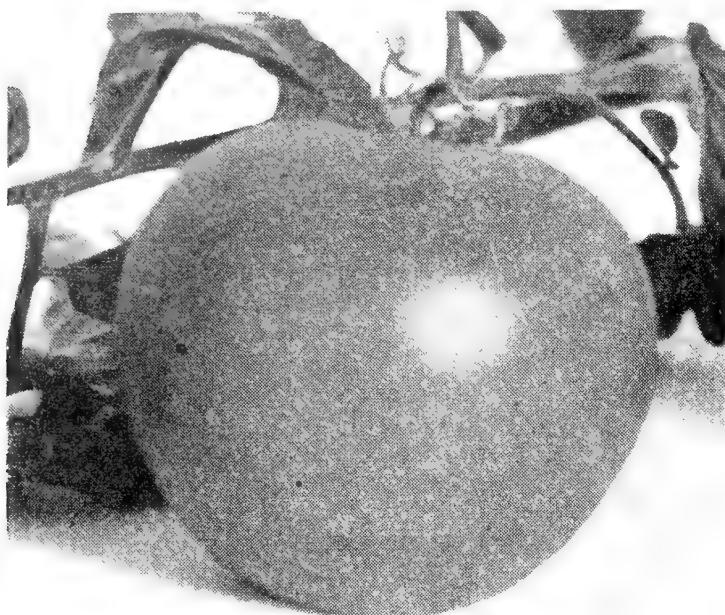
LIVINGSTON GLOBE. 110 days. A large purplish pink, globe-shaped or very nearly round tomato of excellent quality.

Pkt. 10c; 1/2 oz. 40c; oz. 75c.

MARGLOBE. Resists rust and wilt. Almost round; of large size, and bright red color. It is one of the most productive tomatoes in cultivation. Marglobe is early and continues bearing over a long period of time. It possesses a delicious flavor, it is attractive and wilt resistant.

Pkt. 10c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.75.

(Continued on next page)



Rutger's

TOMATOES—Continued

MARVELOUS (Marhio). 110 days. A fine new pink, main crop variety; being the same size and shape as Red Marglobe and having its wilt-resistant qualities.

Pkt. 10c; 1/2 oz. 50c; oz. 90c; 1/4 lb. \$2.75.

OXHEART. 115 days. A late large fruited variety of distinct appearance and perfect quality. Heart-shaped, rosy pink, and very solid fleshed, with few seeds. Mildly acid and of pleasing flavor.

Pkt. 10c; 1/2 oz. 60c; oz. \$1.00.

MONTEREY (Ponderosa). 100 days. One of the best for home use. Fruits deep purplish pink; extremely large, commonly 9 to 12 ounces each; deep but flat; very fleshy with few seeds.

Pkt. 10c; 1/2 oz. 50c; oz. 90c.

RUTGERS. Developed by the New Jersey Agricultural Experiment Station produces a sturdy plant with a thick stem and an abundance of foliage to protect the fruits from sunscald. The fruits are large and similar in shape to Marglobe but ripen earlier and are of a bright scarlet color. The flesh is firm and red throughout which makes it an ideal canning and juice tomato.

Pkt. 10c; 1/2 oz. 40c; 1 oz. 75c.

NEW STONE. 110 days. The fruits are bright deep scarlet, exceptionally smooth and uniform in size.

Pkt. 10c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.75.

PICKLING OR PRESERVING VARIETIES

RED CHERRY. Used for preserving and pickling. Fruit small, round, and deep red.

YELLOW PLUM. Fruits plum-shaped, clear yellow color.

YELLOW PEAR. Pear-shaped fruits of deep, clear yellow color.

All Pickling or Preserving varieties, Pkt. 10c; 1/2 oz. 40c; oz. 75c.

TURNIPS

One ounce will sow 200 feet of drill; one to two pounds for an acre.

Culture: For early seeding sow flat varieties in open ground in early spring in drills one foot apart, using seed sparingly. Thin to 6 or 8 inches apart. For fall and winter sow in July and August.

EXTRA EARLY PURPLE TOP MILAN. Tops small. Roots flat. Purplish-red above, white below. Pkt. 10c; oz. 15c; 1/4 lb. 35c; 1 lb. \$1.00.

PURPLE TOP WHITE GLOBE. Roots globular, smooth; bright purplish-red above, white below. Flesh white, firm, fine grained and tender. Pkt. 10c; oz. 15c; 1/4 lb. 25c; 1 lb. 75c; 5 lbs. \$3.50.

SEVEN TOP, FOR TURNIP GREENS. A foliage turnip for table and forage use. Crown sends up numerous leafy shoots which are excellent for greens.

Pkt. 10c; oz. 15c; 1/4 lb. 25c; 1 lb. 60.

SHOGOIN or JAPANESE. An extremely useful sort. It is quick growing and supplies large edible strap leaves as well as smooth, globular roots of superior quality.

Pkt. 10c; oz. 15c; 1/4 lb. 30c; 1 lb. 90c.

RUTABAGAS

AMERICAN PURPLE TOP. A hardy productive variety; roots are large, globular in form, with a very small tap root; color, bright yellow with a purple top; flesh yellow.

Pkt. 10c; oz. 15c; 1/4 lb. 25c; 1 lb. 75c.



Yellow Pear

Strawberry Plants and Seeds

Culture: Most any good garden soil can be expected to produce satisfactory crops of strawberries.

The ideal soil is one which is sandy, well drained and well filled with organic matter.

We recommend setting plants in rows three and one half feet apart and eighteen inches in the row.

Set the plant having the bud or crown just at the surface, spread the roots and pack soil firmly with hand, water if possible.

Cultivate as soon as they have started growth after being set out. It is very important at first cultivation to uncover buds of any plant which may have been planted too deep or have been covered after planting.

Frequent cultivation should be given even though weed and grass growth is not a problem. Cultivation makes larger stronger fruiting beds and a better crop of berries.

The blossoms should be removed from newly set plants as soon as they appear. To allow them to set and mature berries involves a drain on the vitality of the plant.

Do not permit the plants to run all over the patch, train them in matted rows 10 to 12 inches wide.

In fall protect with straw mulch put on early before the first hard freeze. Fertilize with pulverized cattle manure in early spring. 1 lb. will fertilize about 10 ft. of row.

Strawberry plants are not in stock, but are sent direct to you from the nursery, ready April, May and October.

EVERBEARING STRAWBERRIES

GEMZATA. Equals Gem in quality, but the berries are not quite as uniform in shape. Bright red. Bear in spring and from late summer until freezing weather.

MASTODON. The Mastodon is a fall-bearing variety. This variety should give excellent results especially where water can be applied during

dry weather and where special attention can be given to the plants.

Price 25 for \$2.35; 50 for \$3.90; 100 for \$6.25; Supply limited.

SPRING-BEARING VARIETIES

BIG JOE. (S). An excellent mid-season berry. Large and very fine quality flesh, color, brilliant red with large green cap to make it very showy. Plants are large and productive.

DORSETT. (S). The berries are large, sweet and deep red. The plants are vigorous and produce a large crop.

FAIRFAX. (S). The Fairfax is a deep red, sweet, early berry. The plants are very vigorous; bears heavily throughout a long season.

GANDY. (S). A fancy late berry, large handsome and productive. The plants are large and make runners freely. Needs liberal fertilization.

ROBINSON. (S). One of the best mid-season berries. Fruits are large and firm and honey-sweet in flavor.

SENATOR DUNLAP. (S). Vigorous plant growth and very hardy. Berries are medium size, bright red clear through.

ABOVE VARIETIES

Price: 25 for \$1.30; 50 for \$2.35; 100 for \$3.50; 500 for \$10.75.

STRAWBERRY SEED HARZLAND GIANT. Pkt. 25c.

KEEP THE VEGETABLE GARDEN GOING

Make successive plantings. Store vegetables from the late garden. Many vegetables can be kept for use during winter by proper storage. The desirable stage of maturity varies with the crop. Cabbage, onions, squashes and pumpkins will not keep well unless fully matured. Beets, carrots, parsnips, turnips, salsify, etc. should not be allowed to fully mature as they are likely to become woody. Vegetables can be stored outdoors. A handy way is to sink a box or barrel about half of its depth in the ground, pack soil around outside. Put vegetables in and on top of them, a cover made of burlap bag stuffed with straw. Cover top of box with boards and a piece of roofing paper to keep water out.

DO YOUR TOMATO BLOSSOMS DROP? SPRAY WITH FRUITONE!

FRUITONE is a powder containing several plant hormones.

WHAT FRUITONE DOES

When fruits, leaves, or flowers fall from the stem or branch, the layer of cells at the point where they were attached is called the abscission layer. Spraying with FRUITONE keeps this abscission layer green so that premature drop is stopped. The spray must hit the stem or adjacent tissue to be effective.

Spraying flowers with FRUITONE helps pollination, thus producing better set of seed or fruit.

2/5 oz. Pkt. 25c—makes 5 Gal. Solution; 2 oz. Can \$1.00; 12 oz. Can \$5.00.

ARE
TERMITES
INFESTING YOUR HOME?

GET **Phelan's**
KEMA★TOX
★DEATH TO TERMITES

Prepared of a toxic base which is recognized as one of the most effective of all chemicals in the termite control field.

"How to Tell and What to Do About It"

To make certain, come in or write us for FREE folder on termites, telling where to look, their habits, and how you can easily and quickly rid your home of them yourself.

Complete application instructions on each container.

Freight prepaid on orders for 12 gallons or more.

PRICE
Gallon, \$2.25
In 5-Gal. Container, \$2.15
Per Gallon

DO YOU KNOW
Termites work the
year around in
heated basements?

Field Seeds--Planting Chart and Prices

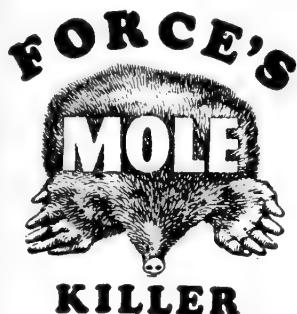
BY MAIL ADD POSTAGE	Weight Per Bushel	Rate to Sow Broadcast	Per Acre in Drills	Time to Sow	Price Per Lb.
CLOVERS					
Alfalfa	60 lbs.	20 lbs.	12 lbs.	March, April, Sept...	.55
Sweet Clover					
Standard.....	60 lbs.	18 lbs.	11 lbs.	March, April, Sept...	.25
Yellow Blossom.....	60 lbs.	18 lbs.	11 lbs.	March, April, Sept...	.25
Fancy, Red.....	60 lbs.	12 lbs.	8 lbs.	March, April, Sept...	.65
Mammoth, Red.....	60 lbs.	12 lbs.	8 lbs.	March, April, Sept...	
Alsike.....	60 lbs.	8 lbs.	4 lbs.	Winter to April.....	.65
Crimson.....	60 lbs.	20 lbs.	12 lbs.	July to October.....	.35
White or Dutch.....	60 lbs.	9 lbs.	5 lbs.	March, April, Sept...	
LESPEDEZA					
Korean.....	25 lbs.	20 lbs.	12 lbs.	March or April.....	.20
Sericea Hulled.....	60 lbs.	22 lbs.	14 lbs.	March, Early April...	
GRASSES					
Kentucky Blue for Pasture.....		30 to 40 lbs.		March, April, Sept...	
For Lawn.....		75 to 90 lbs.		March, April, Sept...	
Brome.....	14 lbs.	20 lbs.	12 lbs.	April.....	.35
Orchard.....	14 lbs.	15 lbs.	25 lbs.	April, Sept.....	.35
Pasture Mixture.....		40 lbs.		March, April, Sept...	.45
Sudan.....	40 lbs.	25 lbs.	15 lbs.	May to July.....	.20
Timothy.....	45 lbs.	12 lbs.	8 lbs.	March, April, Sept...	.20
BEANS AND PEAS					
Blackeye Peas.....	60 lbs.	75 lbs.	40 lbs	May, June.....	.50
Brown Crowder.....	60 lbs.	60 lbs.	35 lbs.	May, June.....	.50
Canada Peas.....	60 lbs.	120 lbs.	90 lbs.	April, May.....	.10
Cowpeas.....	60 lbs.	75 lbs.	45 lbs.	May, June.....	.15
Lady Peas.....	60 lbs.	75 lbs.	45 lbs.	May, June.....	.50
Soy Beans.....	60 lbs.	90 lbs.	45 lbs.	May, June.....	.10
Illini.....	Matures in	105 days			.10
Virginia.....	Matures in	125 days			.10
Mixed, for Hay.....					.10
GRAINS					
Barley.....	40 lbs.	120 lbs.	80 lbs.	March, April, Sept...	.10
Buckwheat.....	52 lbs.	60 lbs.	45 lbs.	June.....	.15
Oats					
Columbian.....	32 lbs.	75 lbs.	45 lbs.	March, April.....	.10
Early White.....	32 lbs.	75 lbs.	45 lbs.	March, April.....	.10
Rye.....	56 lbs.	115 lbs.	85 lbs.	March, April, Sept...	.10
Grohoma.....	56 lbs.	50 lbs.	12 lbs.	May, June.....	.15
Hegeri.....	56 lbs.	50 lbs.	12 lbs.	May, June.....	.15
Kaffir.....	56 lbs.	50 lbs.	12 lbs.	May, June.....	.15
Milo Maize.....	56 lbs.	50 lbs.	12 lbs.	May, June.....	.15
CANE (Fodder)	50 lbs.	40 lbs.	10 lbs.	May, June.....	.15
Amber.....	56 lbs.	40 lbs.	10 lbs.	May, June.....	
Orange.....	50 lbs.	40 lbs.	10 lbs.	May, June.....	.15
Broom Corn.....	48 lbs.	8 lbs.	5 lbs.	May, June.....	.30
MILLET					
Common.....	50 lbs.	50 lbs.	30 lbs.	May to July.....	.15
Golden.....	50 lbs.	50 lbs.	30 lbs.	May to July.....	.15
Duck or Japanese.....	35 lbs.	30 lbs.	20 lbs.	May to July.....	.15
PEANUTS					
Jumbo.....	22 lbs.		40 lbs.	May.....	.40
Spanish	22 lbs.		30 lbs.	May.....	.40
RAPE—Dwarf Essex	50 lbs.	8 lbs.	4 lbs.	April to August.....	.30
SUNFLOWER	32 lbs.		8 lbs.	May.....	.25
CORN (Funk Hybrids) No. G53—No. G94—No. G80.....				\$ 9.90 per bu.	
Funk—White Hybrid.....					10.40 per bu.

WRITE FOR PRICES WHERE NO PRICE IS GIVEN AND FOR LARGER QUANTITIES
PRICES SUBJECT TO CHANGE. BY MAIL ADD POSTAGE.

MOLE KILLERS

MOLOGEN

Mologen eliminates moles in two or three days. It is easy to use and there is no messy disposal job. It is non-poisonous to birds and pets. Emits no gas and is odorless. $\frac{1}{2}$ lb. 50c; $1\frac{1}{2}$ lbs. \$1.25; 5 lbs. \$4.00.



KILLS MOLES

—Money Back Guarantee—

No Traps—No Gas—No Harm to domestic animals or birds. Force's Mole Killer Pellets are compounded from the mole's natural food. True mole food scent attracts and will positively destroy large numbers of moles. Kill the breeding stock now before they multiply. Send 25c for 35 pellet package; 50c for 75 pellet package.

HART'S MOLE KILL

Nonpoisonous to humans, birds, pets, always ready, no mixing. Drop 6 or 8 feet apart in runways. Pkg. 30c.

MOLE-NOTS

Rids lawns and gardens of moles. Ready to use. No mixing. Mole-nots are placed in runways, will not injure grass or soil.

Pkg. 35c, contents, 8 Nots; large size \$1.00, 50 Nots.

TAT MOLE KILLER

Tat Mole Bait is offered with whole, raw peanuts, specially colored and impregnated with the odorless, tasteless thallium sulphate as the toxic ingredient. A few Baits placed in runs at 4 to 6 feet intervals will quickly destroy moles.

$\frac{5}{8}$ -oz. pkg. 15c; $3\frac{1}{2}$ -oz. 75c; 1 lb. \$1.50.

FERTILIZERS

A Necessity to All Growing Plants

By Mail Add Postage

ADCO is a powder which, mixed with vegetable matter and kept moist, turns the latter into real Manure, but without the odor, flies, etc. Directions enclosed in bags.

25 lb. bag \$2.25; 100 lbs. \$8.60.

ALUMINUM SULPHATE. Used for making soil acid. 5 lbs. 35c; 10 lbs. 55c; 25 lbs. \$1.10; 100 lbs. \$3.60.

CATTLE MANURE. Wizard Brand Cow or Cattle Manure is pure manure dried by a special direct heat process. Has no offensive odor. Apply 10 pounds to 100 square feet and rake into the soil. 5 lbs. 30c; 10 lbs. 50c; 25 lbs. 95c; 50 lbs. \$1.75; 100 lbs. \$2.75; 500 lbs. \$13.25.

COTTON SEED MEAL. Rich in nitrogen and potash; suitable for grain crops, but most largely used in lawns. Use $\frac{3}{4}$ to $1\frac{1}{2}$ tons per acre. 25 lbs. \$1.75; 50 lbs. \$3.15; 100 lbs. \$6.00.

IRON SULPHATE. Effective against chickweed. Harmless to lawns. Use $1\frac{1}{2}$ pounds to 1 gallon water. One gallon treats 100 square feet of lawn. Price: $1\frac{1}{2}$ lbs. 15c; 6 lbs. 50c; 12 lbs. 85c; 24 lbs. \$1.50.

LIME HYDRATED. A neutralizer for soil acidity. 10 lbs. 25c; 50 lbs. 75c; 100 lbs. \$1.25.

LOMA. A high-grade plant food for flowers, vegetables, shrubbery and potted plants.

Price: 10 lbs. 85c; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.00.

MILORGANITE. A unique plant food, scientifically prepared, free from weed seed and all harmful organisms. It is unusually long lasting and easy to apply. It can be applied in generous quantities without danger of burning.

25 lbs. \$1.20; 50 lbs. \$1.85; 100 lbs. \$3.50.

PULVERIZED LIMESTONE. Used to neutralize acid soil on lawns and gardens. It is made from the purest crystalline white limestone obtainable.

Bags of 10 lbs. 25c; 100 lbs. \$1.25.

RHUM'S PHOSPHATE. Use it on lawns, vegetable and flower gardens. Supplies phosphorus and calcium. Use 5 pounds to 100 square feet. 100 lbs. \$2.00.

ROSE FOOD. Roses require a different kind of feeding. G. & O. Rose Food is a special mixture of dried blood, fish scrap, bone meal, Guano, potash, cotton seed meal, nitrate of soda, superphosphate, and powdered poultry manure. Analysis 7-8-5.

1 lb. pkg. 20c; 5 lbs. 65c; 10 lbs. \$1.15; 25 lbs. \$2.50.

SHEEP MANURE. Wizard Brand Sheep Manure is uniformly pulverized. It is economical and convenient. Broadcast 100 pounds to 1,000 square feet.

5 lbs. 30c; 10 lbs. 50c; 25 lbs. 95c; 50 lbs. \$1.75; 100 lbs. \$2.75; 500 lbs. \$13.25.

SUPER ACID PHOSPHATE. Sixteen per cent available. Used for crops requiring an excessive amount of phosphoric acid.

1 lb. 10c; 5 lbs. 45c; 10 lbs. 65c; 25 lbs. \$1.20; 50 lbs. \$1.70; 80 lbs. \$2.20.

VIGORO is a complete plant food, supplying all of the many elements plants require from the soil for finest growth. Economical and easy to use.

1 lb. 10c; 5 lbs. 45c; 10 lbs. 85c; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.00; 500 lbs. \$18.75.

VIGORO TABLETS

Complete Plant Food in Tablet Form

Pkg. 10c.

Insecticides and Fungicides

(All prices subject to change without notice.)

BY MAIL, ADD POSTAGE FOR YOUR ZONE

ACME SPRAYS AND DUSTS

ACME ARSENATE OF LEAD is the widest used arsenical insecticide. Safe on tender foliage for the control of chewing insects on fruit trees, vegetables, tobacco, and many other plants. Controls grubs in lawns.

1 lb. 40c; 4-lb. bag \$1.00; 24-lb. bag \$5.90.



ACME DURADUST NO. 25

A proven and accepted formula for a durable, agricultural insecticide, containing 25% DDT. Suitable for use as a liquid spray or can be blended with a carrier for dusting. For control of leaf hopper, flea beetle, psyllid, plant bugs, Japanese beetle, cabbage worms, potato bugs, caterpillar, thrip, rose chafer, codling moth, oriental fruit moth.

Sizes: 1 lb. cartons, 55c. 4 lb. bags, \$1.70.



ACME GARDEN DURA-DUST—A durable, accepted combination insecticide and fungicide, containing 5% DDT and 9% copper for the control of certain insects and plant diseases of the vegetable and flower garden. For use on cabbage, cauliflower or the cabbage family, corn, grapes, potatoes, onions, tomatoes and for use on roses and many flowers in the control of corn earworm, caterpillars, worms, rose chafer, thrip and fungus diseases.

1 lb. sifter top cartons, 48c; 4 lb. bags, \$1.00.



ACME RED RIVER POTATO MIX—dust or spray. A scientific formula combining a patented copper fungicide with quick-killing arsenic. Kills potato bugs quicker—drives off flea beetle and leaf hopper—prevents blight—stimulates foliage.

Get top prices for your harvest.

1 lb. bag, 50c; 4 lb. bag, \$1.50.



ACME PARIS GREEN. Strongest and quickest-acting of all arsenical insecticides. Used on hardy foliage such as potatoes, cotton, tobacco, and in insect baits where extreme measures are necessary.

1/4 lb. 20c; 1 lb. 55c; 5 lbs. \$2.45.



Acme Scientific Rose and Flower Spray

A "system" of spray treatment for roses and flowers of all kinds. Eliminates guesswork. Each set contains three separate items—A, B, and C—each scientifically made to combat one of the three major classifications of blight and insect pest. Mix all three together with water. Use regularly. Result: complete all-around protection. Surprisingly economical.

Sizes	Amount of Spray	No. of Roses Protected all season	Prices
No. 3	12 qts.	7 to 12 bushes	\$0.95
No. 6	24 qts.	15 to 25 bushes	1.50
No. 24	96 qts.	60 to 100 bushes	4.00
No. 48	48 gals.	120 to 200 bushes	6.00
No. 96	96 gals.	240 to 400 bushes	9.75

ACME ROTENONE GARDEN GUARD is an ideal insecticide for the home garden. Dust or spray. The killing ingredient is Rotenone—noninjurious to human and warm blooded animals. Acts both as contact and stomach poison against a wide range of insects.

1-lb. sifter carton, 50c; 1-lb. pump gun, 70c; 4 lbs., \$1.10.



ACME APHIS SPRAY combines a soft spray soap with Black Leaf 40. Recommended for aphid (plant lice), thrip, leaf hopper, and many more hardy insects infesting rose bushes, flowers, shrubs, vines, bushes, and trees.

3-oz. collapsible tube, 40c.

ACME EMO-NIK is a valuable spray for the control of scale, red spider, mealy bug, white flies, rust mites, aphid, and many other common insects. A complete contact insect spray combining nicotine in its most active form with Emo, a high quality summer oil emulsion. Practically odorless when sprayed.

4 1/2 oz., 37c; pint, 70c; quart, \$1.00; gallon, \$2.75.



ACME SPRAY SOAP. A fish oil soap effective by itself in destroying many sucking insects and lice on plants, trees, ferns, etc. Also extensively used with nicotine and other contact sprays to enhance their effectiveness.

1 lb., 45c; 7 1/2 lb., \$2.60.

ROtenone GARDEN SPRAY (NNOR) containing Rotenone kills most common garden bugs of both sucking and leaf eating types. You've got to wet them—to get them. NNOR penetrates the waxy or hairy covering, brings the tremendous power of Rotenone into action.

1 oz., 35c; 6 oz., \$1.00; 16 ozs., \$2.15; 1 gal., \$13.50.

ACME VEGETABLE AND FLOWER GARDEN DUST. A dust or spray containing nicotine for many common varieties of sucking insects, and arsenicals for leaf eating insects for the home vegetable and flower garden.

1-lb. cartons, 40c; 4-lb. bags, \$1.10.

ACME TOMATO DUST is especially prepared to control blight and worms preying on tomatoes. While specifically designed for tomatoes, it also is equally effective in the control of leaf chewing insects and blight on many other vegetables such as potatoes, cucumbers, beans and cabbage, also many flowers as roses, azalea, evergreens, asters, and hollyhock.

1-lb. sifter carton, 45c; 1 lb. pump gun, 65c; 4 lbs., 90c.



ACME BORDEAUX MIXTURE prevents large losses caused by blight, rot, mildew, scab, anthracnose, etc. Stimulates plant growth, increasing the harvest. Almost every kind of vegetable, fruit, and shrub can be improved by Bordeaux spraying.

1 lb. 40c; 4 lbs. \$1.00; 24 lbs. \$5.90.

ACME KOPPER QUEEN (Mildew Spray) is a stainless liquid copper spray for the control of mildew, leaf spot, and black spot on rose bushes, flowers, and many other kinds of foliage. Leaves no unsightly residue. A liquid spray replacing Bordeaux Mixture and Sulphur.

1/2 pint, 35c; pint, 60c; quart, 95c.



ACME KOPPER KING. The perfect spray or dust for control of tomato blight. Recommended for use wherever Bordeaux Mixture is used. Suitable for use as either dust or spray. Kopper King is a tri-basic copper sulphate—a modern development.

1 lb., 45c; 4 lbs., \$1.10.

ACME LIME SULFUR. A standard 33 degree Baume lime and sulphur converted into a dry powder having all the effectiveness of a liquid product when dissolved in water. For dormant spraying against scale, peach blight, leaf curl, and twig borer. For summer spraying against scab, soot, blotch, red spider, and mite.



1 lb., 35c; 5 lbs., \$1.55.

ACME WETTABLE DUSTING SULPHUR is an improved dusting sulphur for home use which can also be used as a liquid spray. Controls red spiders on evergreen, mildew, leaf spot, black spot, and rust on rose bushes, chrysanthemums, snapdragons, carnations, and certain other foliage. 98 per cent passes through a 325 mesh screen. An excellent chigger chaser.

2-lb. sifter carton, 42c.

"ORTHO" GARDEN PRODUCTS

Mfg. by California Spray Chemical Co.



VOLCK Nursery and Garden Spray

—A summer oil spray and spray carrier for use against Mealybugs, Scale Insects, Red Spiders, and White Flies on plants.

Price: 4 oz. 25c;
16 oz. 50c; 1
gal. \$2.25; 5
gal. \$8.50.

KLEENUP Winter Spray—A dormant Oil Spray for use against Scale Insects and certain other Garden Pests on deciduous trees and shrubs during dormant season.

Price: 16 oz. 49c; 1 gal. \$1.35; 5 gal. \$5.00.

EXTRAX INSECT SPRAY—An easy-to-use liquid insecticide for use against many sucking and chewing insects including: Ants, Aphis, Cucumber Beetle, Flea Beetle, Leaf Hopper Nymph, Mealybug, Red Spider, Rose Slug, Scale Insects, Sod Web Worm, Thrips, White Fly Nymphs.

Price: 4 oz. \$1.00; 16 oz. \$2.75.

GREENOL LIQUID FUNGICIDE—Used against certain Powdery Mildews on Beans, Cucumbers, Dahlias, Delphinium, Garden Peas, Roses, Sweet Peas.

Price: 4 oz. \$1.00; pint \$2.75.

ORTHO ROSE SPRAY KITS—Contains 2 oz. bottle of "EXTRAX" and 2 oz. bottle of "GREENOL" for simple combination control of many Rose Pests and other Garden Pests—Also used on vegetables.

Price: \$1.00.

ORTHO GARDEN SPRAY SETS—Contains 4 oz. bottles of "EXTRAX", "GREENOL," and "VOLCK" sufficient to make 25 gallons of multi-purpose combination garden spray.

Price: \$1.85.

EARWORMICIDE—A liquid for use against Corn Earworm on Sweet Corn.

Price: 2-oz. bottle with dropper applicator, 35c.

PEST-B-GON DDT SPRAY—Contains 20% DDT. Kills many beetles, worms, thrips, leafhoppers, weevils, mosquitoes, fleas, poultry lice, ants and many other insect pests.

Price: 4 oz. bottle, 65c.

ORTHO SOIL FUMIGANT—A dichloroethyl ether fumigant for use against wireworms, sod webworm (lawn moth), cabbage maggots, onion maggots, etc.

Price: 4 oz. bottle 35c; 16 oz. bottle \$1.00.

ORTHO SOWBUG KILLER—A poisoned bait for killing Sowbugs and Pillbugs.

Price: 1 lb. 50c.

HAMMOND'S SPRAYS AND DUSTS

FISH OIL SOAP (HAMMOND'S). Hammond's Fish Oil Soap safely destroys aphids. It is an excellent wash for palms, rubber plants, and all indoor and porch flowers.

Price: 1/2 pt. can, 35c; pt. can, 65c; qt. can, \$1.25; gal. can, \$4.00; 5 gal. can, \$16.00.

GRAPE AND ROSE DUST (HAMMOND'S). A dusting fungicide. Basically a micro-fine collodol sulphur compound that is vastly superior to most fungicides in controlling blights, powdery mildew and black spot.

Price: 1 lb. 40c; 5 lbs. \$1.50; 25 lbs. \$6.25.

KIX (HAMMOND'S) Formerly Triad. At last, a single spray for chewing and sucking insects and fungus. No mixing of several solutions. Especially developed to solve all problems of rose growers.

Price: 4 oz. bottle, 65c; 1/2 pt. \$1.00; pt. \$1.50; qt. \$2.50; gal. \$8.00.

STABILIZED "75" DUST (HAMMOND'S). Formerly sold as "Stabilized Rotenone Dust". As a general purpose dust or spray No. 75 (Stabilized Rotenone) Dust has proven a valuable aid to commercial growers and gardeners.

Price: 1 lb. 50c; 5 lbs. \$2.00.

SLUG SHOT (HAMMOND'S). All purpose dusting insecticide. Slug Shot is powerfully effective against leaf eating insects.

Price: 1 lb. 40c; 5 lbs. \$1.70; 25 lbs. \$5.50; 50 lbs. \$11.00.

SLUG SHOT LIQUID (HAMMOND'S). A scientific highly concentrated combination spray. It is "stabilized" by Hammond's patented process to give that extra and greater killing power. Kills quickly and surely most all sucking and chewing insects. Absolutely harmless to foliage, humans and animals.

Price: 1 oz. 35c; 4 oz. \$1.00; 16 oz. \$2.60; qt. \$4.50; gal. \$14.50; 5 gals. \$62.50.

SUPER-COPPER (HAMMOND'S). Super-Copper, concentrated fungicide can be used in place of Bordeaux Mixture. It controls fungus diseases equally as well, mostly better than Bordeaux Mixture—costs no more in the spray rig tank—eliminates mixing and clogged spray nozzles. Ideal for cucumbers, pepper, celery, tomatoes, carrots, etc. Dilute 1 to 400.

Price: 1 qt. \$1.75.

FLY AND MOSQUITO SPRAY (HAMMOND'S). Stainless—Pleasant to use. From every standpoint Hammond's Fly Spray is ideal to use. It kills flies, mosquitoes, roaches quickly. It in no way injures humans, pets or furnishings. It is more powerful than ordinary sprays and has a decidedly pleasing, refreshing and clean odor. A little goes a long way. Contains D. D. T.

Price: pt. 50c; qt. 80c; gal. \$2.60.

SODIUM OLEATE (HAMMOND'S). Spreader—Adhesive. A spreader adhesive which quickly emulsifies in any water. It increases the killing power of insecticides such as Hammond's Nicotine Sulphate 40 or Black Leaf 40. It will not clog sprayer.

Price: 1/2 pt. 25c; qt. 50c.

TREE WOUND PAINT (HAMMOND'S). Antiseptic, protective. A very adherent and lasting antiseptic dressing for sealing and waterproofing tree wounds. Tree Wound Paint is unexcelled for preventing infection of pruned or damaged portions of trees. It is also good for grafting purposes.

Price: 1/2 pt. 50c; pt. 90c; qt. \$1.75; gal. \$4.50.

OGEN PRODUCTS

TRI-OGEN

The reliable combination rose garden spray treatment for the control of many insects and diseases.

A Small Kit (makes 16 qts.)	\$ 1.50
Protects 12 to 20 roses for season.	
B Medium Kit (makes 64 qts.)	4.00
Protects 50 to 80 roses for season.	
C Large Kit (makes 32 gals.)	6.00
Protects 100 to 160 roses for season.	
D Estate Kit (makes 128 gals.)	20.00
Protects 400 to 600 roses for season.	
E Kit (new size)	.90
Protects 4 to 6 roses for season.	

TRI-OGEN DUST is extremely valuable to the rosarian who wishes to dust instead of spray. It solves practically all of his insect and fungous disease problems easily, effectively and economically. It is naturally a valuable general-purpose dust for most garden crops. Thus it should be in every gardener's trouble kit.

Price: 1 lb. 65c; 5 lbs. \$3.00.

FEROGEN. Spring-Summer ground dressing. Ferojen cultivated into the rose beds will help to get prize blooms. This concentrated plant food supplies to the rose plant those vital chemical elements they most need, stimulating the vigorous root action. This means better absorption of food qualities offered in convenient powdered form for easy cultivation into soil. Apply early in spring and again during growing season.

1 lb. can 75c; 2 lb. can \$1.25; 5 lb. can \$2.75.

FUME-OGEN. Animal Repellent. The high standard of quality and efficiency of FUME-OGEN is in keeping with all other OGEN products. There are many uses for FUME-OGEN, but the most important of all is the manner in which it effectively repels animals (dogs and cats) in both the home, yard and garden. A little FUME-OGEN spread lightly on the soil around shrubs and plants will protect them from dogs and cats.

8 oz. canister 50c.

ASTOGEN. Soil Treatment for Asters. A convenient powder, easily cultivated into the soil, acts like magic for the growing of Asters, Columbines, Nasturtiums, Marigolds, Snapdragons, Calendulas, Heliotropes and many other plants. It contains elements to promote root vigor, resulting in robust plant growth.

2 lbs. 75c; 5 lbs. \$1.50; 10 lbs. \$2.75.

CORN EAR WORM DROPS. Every grower realizes that the corn ear worm has not been easy to control. Many suggestions have been offered—but Ogen Laboratories after many seasons of careful research and testing have perfected OGEN'S CORN EAR WORM DROPS which is, indeed, one of the most simple and effective media of control yet offered to the grower.

Price: 2 oz. bottle, 35c.

MEXOGEN. Kills and repels Mexican bean beetles. Mexogen is a highly concentrated contact spray and repellent, scientifically prepared to destroy and repel this destructive enemy of the truck gardener, which is spreading so rapidly throughout the country. Mexogen destroys the larvae and eggs, as well as the adult beetle, and is an efficient repellent. Also kills cabbage worms and many other insect pests, being especially desirable on account of its non-poisonous nature. It cleans and tones the foliage. It is easy and

pleasant to use. Requires no spreader. One quart makes 11 gallons of spray. Some advantages of Mexogen: Kills and repels Mexican bean beetles and most other insect pests. Easy and pleasant to use. Cleans and tones the foliage. Keeps beetles off plants for many days. Makes it possible to grow profitable crops. Carries its own spreader—no soap required. Does not precipitate or clog sprayer. Does not harden. Keeps indefinitely.

Price: 1/2 pt. 75c; qt. \$2.00.

ANTROL. Kills sweet and grease-eating ants. A safe, sure, permanent method of eliminating ants. Consists of small glass containers from which the worker ants carry the Antrol Syrup to the nest, destroying the entire colony.

Price: Ready-filled set containing four filled feeders, 40c; Antrol Syrup, for refilling, 4 oz. bottles, 20c.

BLACK LEAF "40". A concentrated solution of nicotine sulphate that mixes readily with water. Black Leaf "40" is used to destroy aphids, thrips and leaf hoppers.

Price: 1 oz. bottle, 35c; 5 oz. bottle, \$1.05; 1 lb. bottle, \$2.42; 5 lb. tin, \$7.40, if available.

BUG-A-BOO GARDEN SPRAY kills or controls many of the insects that menace gardens—sucking insects and chewing insects. It is highly concentrated and contains emulsifying and spreading agents so that it needs only to be mixed with water for use. Because it is non-poisonous, it will not harm birds, or pets, and can be used freely on vegetables and berries. Bug-a-boo Garden Spray is not recommended for destruction of Japanese and other hard shell beetles which require sprays of a poisonous character.

Price: 4 oz. pkg., 50c; 8 oz. pkg., 75c.

CCC COPPER DUST. A fungicide that does not burn, does not contain hydrated lime. Designed for use on all tender foliage.

Price: 1 lb., 35c.

CALCIUM ARSENATE. Used mostly for spraying potatoes and tobacco.

Price: 1 lb. 35c; 4 lbs. 80c.

CYANOGAS "A" DUST. A dry powder ready to use against ants, moles, rats, mice, gophers, grasshoppers, fleas, etc.

Price: 1 lb. 75c; 5 lbs. \$3.00; 25 lbs. \$10.00.

CYANOGAS "G" DUST. Greenhouse fumigant for aphids, white fly, thrips, soft scale and mealy bug, and control for crop-destroying rodents.

Price: 5 lbs. \$3.00; 25 lbs. \$10.00.

D-X SPRAY. A powerful rotenone spray in a spray base of great penetrating qualities. Controls both sucking and chewing insects. Combines with arsenate of lead and standard fungicides.

Price: 1 1/2 oz. 35c; 1/2 pint \$1.25.

GRAFTING WAX. Not only used for grafting, but also for rubbing over wounds on the bark or in pruning.

Price: 1/4 lb. 25c; 1/2 lb. 45c; 1 lb. 80c.

KRYOCIDE. Is an effective fluorine insecticide manufactured from natural Greenland Cryolite. Kryocide may be used as a spray or dust for the control of bean leaf beetles, leaf roller worms, caterpillars, tomato fruit worms, etc.

Price: 1 lb. pkg. 35c.

KRYOCIDE—No. D50. A combination insecticide and fungicide.

Price: 1 lb. pkg. 50c; 3 lb. pkg. 85c.

KRYOCIDE C is a combined fungicide and insecticide containing copper. All purpose dust or spray.

Price: 1 lb. shaker top can, 55c; 3 lb. bag, 90c.

ST. LOUIS SEED COMPANY—"Pure and Sure" Seeds

SCALECIDE. A dormant spray for scale. One part Scalecide is mixed with 15 parts water.
Price: Qt. 75c; gal. \$1.75; 5 gals. \$6.35.

PARA SCALECIDE. A prepared combination of Scalecide and Paradichlorbenzene. A liquid treatment for peach borer control. Safe to use on peach trees of all ages. Simple, effective and inexpensive to use. Dilute with 7 parts of water. The amount required will depend on size and age of tree. Three-year-old trees will require one pint of solution.
Price: Qt. 85c; 1 gal. \$2.20; 5 gals. \$7.03; 15 gals. \$14.82, plus \$2.00 deposit on drum.

SULFOCIDE. A safe summer spray for scale.
Price: 1 pt. 60c; 1 qt. \$1.00; 1 gal. \$2.50; 5 gals. \$8.25.

SPRAY CATALIZER. A spreader, sticker and softener for Sulfoicide, lime sulphur or Arsenate of Lead. Stops lead sulphide (black slug) formation when Arsenate of Lead and Catalizer are combined with Sulfoicide or Lime Sulphur. Does not deteriorate. Use 2 pounds to 100 gallons of water. One teaspoonful to 1 gallon.
Price: 2 lb. bag, each 55c.

RED ARROW. A non-poisonous contact spray that will not stain or burn tenderest foliage. Effective against red spiders, mealy bugs, aphis and other pests. One ounce will make four to eight gallons spray.
Price: 1 oz. 35c; 4 oz. \$1.00; 1 pt. \$2.85; 1 qt. \$5.40; 1 gal. \$16.00.

SHAWNEE GARDEN DUST. An effective dust for the control of certain chewing and sucking insects. Non-poisonous.
Price: 2 lbs. 60c.

SHAWNEE ACTIVATED ROTENONE SULPHUR DUST. An effective insecticide and fungicide used in the control of certain insects and plant diseases.
Price: 4 lb. bag \$1.00.

SULPHUR, FLOWERS OF. A powder used to check mildew, dry rot and other fungous diseases.
Price: 1 lb. 10c; 5 lbs. 45c; 10 lbs. 75c; 25 lbs. \$1.80; 50 lbs. \$3.50; 100 lbs. \$6.50.

SULPHUR, WETTABLE. May be used as a dust or a liquid. Controls mildew, rust, blackspot, red spider, etc.
Price: 1 lb. 13c; 5 lbs. 60c; 10 lbs. \$1.15; 25 lbs. \$2.80; 50 lbs. \$5.35; 100 lbs. \$10.25.

MIKE SULFUR (DOW). A dusting sulphur of microscopic fineness that is instantly wettable. Used in the control of apple scab, brown rot on peaches, cherries and plums. May also be used as a dust.
Price: 4 lb. pkg., 80c.

TOBACCO DUST. Fine powdered tobacco. Used principally as a ground covering in greenhouses to repel insects.
Price: 100 lbs. \$6.00.

TREE PAINT (Pine Tar). For painting on wounds after pruning.
Price: 1 pt. 30c; 1 qt. 50c; 1 gal. \$1.75.

TREE TANGLEFOOT (Caterpillar Paste). A sticky substance spread around the bark of trees to prevent creeping insects from climbing up the tree.
Price: 6 oz. can, 45c; 1 lb. 80c; 5 lbs. \$3.75; 10 lbs. \$7.00; 25 lbs. \$15.00.

TREE BANDS (Balsam Wool). To put on tree before applying Caterpillar paste.
3 inches wide 16 2/3 ft. per roll, 45c each; Log containing 12 rolls, \$5.40 each.

ROBIN'S GENERAL PURPOSE FRUIT TREE SPRAY. This mixture contains a balanced mixture (such as used by commercial growers) of Arsenate of Lead and Sulphur properly mixed with lime and zinc sulphate to minimize burning, and an effective sticking and spreading agent. A complete mixture insecticide and fungicide for control of common chewing insects and fungi on common fruit trees. Controls curculio, brown rot and scab on peaches. For control of insects and fungi on other fruit trees and many field and garden crops.

2 lb. package (makes 14 gals.), 35c.
5 lb. package (makes 35 gals.), 75c.

DDT DEENATE 50-W (50% DDT). A wettable dust for spraying crops, as livestock dip or spray, or as residual wall spray for farm buildings. As crop spray, controls such insects as codling moth, thrip, leaf roller, cabbage worm, flea beetle, leafhopper, corn ear worm, corn borer, cotton bollworm, etc., when mixed 1 to 2 lbs. per 100 gallons of water.
1 lb. pkg. \$1.20; 5 lb. pkg. \$5.60.

DEENATE 10-X (10% DDT). A ready-to-use free flowing dust application for animals, for farm and home buildings, for stored seed, and for crops. Controls infestation in seed without injury to germination. For crop application, can be mixed with Talc, Copper, Sulfur, or other suitable dusts.
1 lb. pkg. 50c; 5 lb. pkg. \$2.25.

FERMATE. Fermate is a fluffy black powder of very small particle size. It is relatively hard to wet, which is one reason why it adheres well to foliage and fruits. Fermate is highly effective against many fungi, is safe on a wide range of plants, is compatible with summer oils and oil-nicotine or oil-lead arsenate combinations.
Price: 3 lb. bag, \$2.50.



SNAROL (With Methaldehyde). A sensational new product that kills cutworms, sowbugs, snails, grasshoppers, etc. A ready prepared bait that is non-injurious to vegetation and will not deteriorate from rain or sprinkling.
Price: 1 lb. 35c; 2 1/2 lbs. 75c; 6 lbs. \$1.50.

NEW PLANT LIFE
A LIQUID PLANT FOOD

1/2 Teaspoon Makes 1 Quart of Complete Fertilizer.

3 oz. Bottle, 25c; 8 oz. Bottle 50c; 1 Qt. \$1.50

CONTAIN
Vitamin B₁
FULTON'S PLANTABBS
ODORLESS PLANT FOOD TABLETS 11-15-20
IN MEASURED EFFECTIVE AMOUNT
PAT. PENDING



Odorless Plant Food Tablets with Vitamin B₁ added
In boxes of
30 tablets 25c
75 tablets 50c
200 tab-lets \$1.00
1,000 tab-lets \$3.50

STIM-U-PLANT

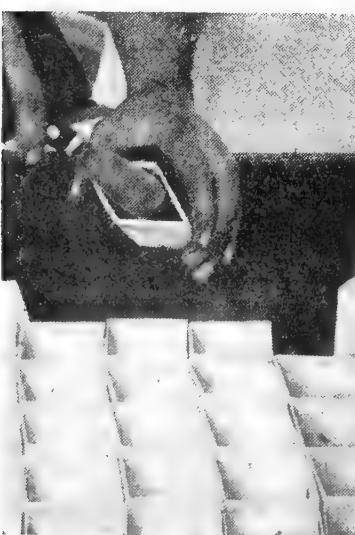
A Concentrated Fertilizer in Tablet Form
Packages of 10 Tablets, 10c; 30 Tablets, 25c; 100, 75c; 500, \$2.50; 1000, \$3.50.



HYPONEX

Hyponex is a clean, odorless and soluble powder. One teaspoonful makes a gallon of complete liquid fertilizer for house or outdoor plants.

3 oz. pkg., enough for 18 gals., 25c; 1 lb. pkg., enough for 100 gals., \$1.00; trial pkg., enough for 6 gals., 10c.



BALL BETTER PLANT BANDS

Wood bands made of spruce. Do not break at the folds. Fully assembled.

Size	Height	Doz.	100	250
2	x 2	x 3 in.	10c	\$.75
2 1/2	x 2 1/2	x 3 in.	12c	.85
3	x 3	3 in.	15c	1.00
				2.15

GRANULATED PEAT MOSS

Used for Top Dressing on Lawns and for Mulching Bulbs, Shrubs and Roses

Granulated peat moss is a light brown colored virgin soil formed years ago by the growth and decay of mosses (mostly Sphagnum).

Large bale (covers 290 square feet one inch deep.) Price per bale, \$4.50; F. O. B. St. Louis.

Prices Subject to Change.

SPHAGNUM MOSS

Extensively used for filling fern and orchid baskets, mixing with potted soil, covering tops of pots to preserve moisture, etc.

1/2 lb. 20c; 1 lb. 35c; bale, about 20 lbs., \$3.50.

ES-MIN-EL

A deficiency of any essential mineral element prevents a plant from making use of water and other minerals. The use of Es-Min-El in addition to the regular fertilizer enables a plant to make the fullest use of all other available plant foods and of water and sunshine.

5 lb. bag, \$1.00.

SHEET MOSS

For lining hanging baskets, window boxes, etc.

1/2 bundle, 45c; 1 bundle, 85c; bale, 5 bundles, \$3.50.

BRANDT'S METAL PLANT MARKERS AND TAGS

Brandt's Markers are non-rusting, non-corrosive, easily and permanently marked with fluid that etches into the metal.

B-200	Marking fluid 1 oz. 25c
B-201	2 in. Triangle Each 4 1/2 c
B-202	7/8 x 3 % Each 6c
B-203	3/4 x 2 7/16 Each 5c
B-204	Insert for No. 203 4 for 5c
B-205	Insert for No. 202 3 for 5c
B-206	7/8 x 2 3/16 2 for 5c
B-207	5/8 x 3 % 3 for 10c
B-208 and B-209	Non-corrosive pen point and holder Each 10c
B-210	5/8 x 3 % Each 4 1/2 c
B-211	5/8 x 2 3/16 Each 4 1/2 c

PLANT MARKERS
WOOD LABELS—PAINTED WHITE

100	1000	100	1000		
4x 5/8 inch.....	\$0.50	\$3.25	8x 5/8 inch.....	\$.80	\$5.50
5x 5/8 inch.....	.55	3.50	10x 5/8 inch.....	.95	6.50
6x 5/8 inch.....	.65	4.00	12x 1 1/8 inches.....	1.90	
Wired Tree Labels 3 1/2 x 5/8 inch.....			.60 3.75		

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Miscellaneous Garden Equipment

BY MAIL ADD POSTAGE

Due to present conditions, prices quoted in this catalog are subject to change without notice, and all offerings are subject to stock on hand.

'TWIST-EMS'



Place 'Twist-ems' around stem and support Twist ends between finger and thumb In a "flash" stem is securely tied

For plants, shrubs, vines, vegetables and for arranging flowers.

Box of 125, 8 inch size 35c
In Bundles 1000 8 inch \$2.40

COTTON TWINE

FOR BUNCHING VEGETABLES, FLOWERS, ETC.
3 ply. Per ball 15c

JUTE TWINE

FOR TYING TOMATOES, ETC.

2 or 3 ply. Per ball about $\frac{1}{2}$ lb. 25c

RAFFIA

FOR BASKET MAKING

Natural color. Skein about 4 oz., 25c; 1 lb., 75c.
Colored: Red, Green, Brown, Dark Blue, Black, Orange, Purple.
Skein, 1 oz. 10c $\frac{1}{4}$ lb. 35c
By Mail add Postage 10c per lb.

PLANT STAKES AND SUPPORTS BAMBOO CANES. (Dyed Green.)

Doz.	100	Doz.	100	
1 $\frac{1}{2}$ ft.	\$.20	\$1.25	3 ft. \$0.30	\$1.70
2 ft. ....	.22	1.40	3 $\frac{1}{2}$ ft. .... .33	2.00
2 $\frac{1}{2}$ ft. ....	.25	1.60	4 ft. .... .35	2.25

CLAY POTS (Red) if available

Can ship by express only					
Each	Doz.	Each	Doz.	Each	Doz.
1 $\frac{1}{2}$ inch.	\$0.03	\$0.30	7 inch.	\$0.25	\$2.60
2 $\frac{1}{2}$ inch. ....	.04	.40	8 inch. ....	.35	3.80
3 inch. ....	.05	.55	9 inch.		
4 inch. ....	.06	.65	10 inch.		
5 inch. ....	.07	.75	12 inch.		
6 inch. ....	.15	1.60			

Germaco
Hotkaps
New Method of
Plant Protection

Hotkaps are made of waxed paper. They guard against rain, frost, cold, winds, birds, and insects, and maintain perfect mulch. Growth is forced and yield is increased 10 to 25 per cent. Shipping charges extra.

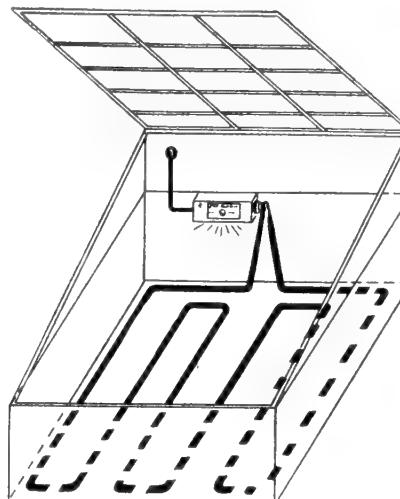
25 (2 lbs.) with paper setter.	\$.60
1,000 (28 lbs.), \$12.00 per M.	5,000, per M. 11.75
100 with setter (5 lbs.)	2.20
250 with setter (9 lbs.)	4.15
Steel Setter (4 lbs.)	1.75
Garden Setter ....	.20c

By mail, add postage for your Zone.

WAYWARD VINE GUIDE

For training and supporting vines on brick, concrete or any other surface without defacing it; held by cement.

In boxes of 25 \$1.00

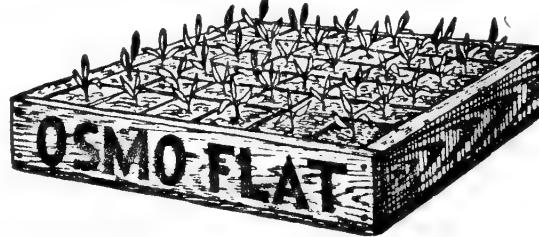


GROW QUICK

Insulated heating cable in hotbed soil or beneath outdoor plant rows insures fast early growth. Thermostat and 40-ft. 200 watt cable for 3'x6' hotbed, \$5.35. With 80-ft., 400-watt cable, \$6.95. 80-ft. cable, separately, \$3.20. All 115 volts. For AC or DC. Full information included.

PRICES ARE FOR HEATER ONLY.

OSMO Cedar FLATS



Size 12 $\frac{1}{2}$ "x12 $\frac{1}{2}$ "x2" Complete with 36 2-in. Osmo Pots (Ready to Assemble.) Each, 90c.
Extra Pots for above. 3 doz., 40c; 100 for \$1.00.

Bird's IMPROVED NEPONSET Flower Pots



MADE OF WATER PROOFED RED PAPER

Diam.	Weight per 100	Doz.	100	1000
2 $\frac{1}{4}$ in.	2 lbs.	\$0.20	\$0.85	\$ 5.25
2 $\frac{1}{2}$ in.	2 lbs.	.23	1.00	5.75
3 in.	2 lbs.	.25	1.20	6.75
3 $\frac{1}{2}$ in.	3 lbs.	.35	1.45	8.00
4 in.	4 lbs.	.40	1.60	9.00
5 in.	7 lbs.	.45	2.25	
6 in.	10 lbs.	.50	2.50	

BIRD'S GROWTEX PLANT BANDS

1 Doz.	100	1000
2x2x2 $\frac{1}{2}$ in.	\$.15	\$.50
3x3x3 in. ....	.20	.65

PLANT BANDS

A Simple Way to Handle Plants for Transplanting.

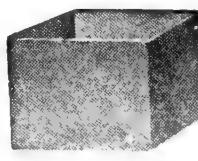
Square bands and pots are nearly twice the cubic capacity of round pots of same diameter.

All bands packed 250 to a carton.

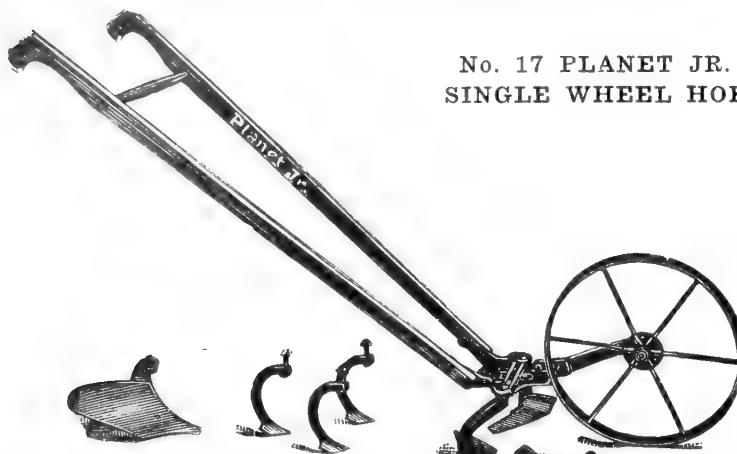
Weight, per carton, 2P, 4 lbs.; 3P, 7 lbs.

Size	Height	250	1000
2P	2 $\frac{1}{2}$ inches	\$1.25	\$4.50
3P	3 inches	1.60	6.00

Postage Extra.



PLANET JR. GARDEN TOOLS



No. 17 PLANET JR.
SINGLE WHEEL HOE

No. 17 Planet Jr. Single Wheel Hoe. These Single Wheel Hoes have steel frames and 15-inch steel wheels. \$10.85.

No. 25 Planet Jr. Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow. A favorite among market gardeners, onion growers, or large gardeners. It is a perfect seeder and combined double and single wheel hoe. No. 25 complete, \$30.80.

No. 11 Double Wheel Hoe. Equipment is complete, including one pair 6-in. and one pair 4 1/2-in. hoes for weeding and shallow cultivation; four cultivator teeth for deeper and general cultivation; one pair plows for plowing, covering and ridging; two 3-tooth and two 5-tooth rakes for fine cultivation. \$19.95.

No. 22 Planet Jr. Jiffy Seeder. Hopper holds a pint, but handles a 10c packet as well as a hopper full. It opens the furrow, drops and covers the seed, packs the soil in one operation. \$14.00.

Inquire about Planet Jr. Tools not listed above

SPRAYERS AND DUSTERS

Supply Uncertain. Write for Prices

TERRA-LITE

(Expanded Vermiculite) is an excellent soil conditioner for lawns and gardens.

Seeds planted in Vermiculite usually germinate more promptly and in better percentage than when planted in soil.

For storing bulbs and roots there is no more satisfactory material.

Terra-lite meets every requirement for a perfect winter mulching material.

Bag containing 2 1/2 cu. ft., \$1.25.

ROOTONE

Reg. U. S. Pat. Off.

THE HORMONE POWDER
ROOTS CUTTINGS—GERMINATES SEEDS
STIMULATES BULBS—KILLS FUNGI

No skill is needed to apply Rootone. Just dip cuttings. Dust seeds and plant.
2 oz. Jar will treat 3,000 cuttings.....\$1.00
1 lb. can will treat 30,000 cuttings.....5.00
Pkt. will treat 400 cuttings.....25

FRUITONE

REG. U. S. PAT. OFF.

The hormone spray. Holds apples on the tree to maturity of size and color. Also can be used to reduce gardenia bud drop. 2 oz. can \$1 (makes 25 gallons spray). 12 oz. can \$5 (makes 150 gallons spray).

TRANSPLANTONE

Reduces Loss in Transplanting

A combination of Hormones and Vitamins. A stimulant to the normal process of root formation on established plants and transplants. One teaspoonful of Transplantone will make one gallon of solution. Stock solution can be kept in a dark, cool place without deterioration. 1/2 oz. pkg., 25c; 3 oz. can, \$1.00; 1 lb. can, \$4.00.

For a Better Lawn Sow
HAVALAWN GRASS SEED

INOCULATE WITH NITRAGIN

WHEN ORDERING SPECIFY KIND OF SEED



When Ordering Always Specify Name of Seed

INOCULATOR PRICES

Alfalfa, all Clovers

Size	Retail
1 bu. ea.	\$.50
2 1/2 bu. ea.	1.00

BEANS

Navy, Pinto, Wax,
String, Kidney, Great
Northern

1 bu. size.....	\$.35
Vetch, Austrian Peas, Canadian Peas, Beans	
Size	Retail
100 lbs.	\$0.50
1200-lb. size.....	5.70

Garden size package of NITRAGIN for Garden Peas, Beans, Sweet Peas, Lima Beans and Lupines. Each package will inoculate up to 8 pounds of seed. Price, 10c.

DU-BAY SEMESAN



It destroys the destructive diseases on the seed and protects them from the rots in the soil, which results in increased stands of more vigorous, healthy plants that yield larger, quality crops. Sprinkling of the seedling beds with Semesan solution effectively prevents damping-off. Recommended especially for seeds, bulbs, and gladiolus corms.

Semesan (for Vegetables and Flowers), small pkt., 10c; 2 ozs., 40c; 12 ozs., \$1.88; 4 lbs., \$9.10.

Semesan Jr. (for Corn), 1 1/2 ozs., 15c; 12 ozs., 56c; 6 1/4 lbs., \$3.75. 2 ounces treat one bushel of seed corn, as a dust.

Semesan Bel (for Seed Potatoes, Bulbs, and Roots), 2 ozs., 30c; 1 lb., \$1.65; 4 lbs., \$5.70; 25 lbs., \$33.25. 1 pound treats 60 to 80 bushels of seed potatoes.

Ceresan (for Wheat, Oats, Barley, Rye, and Cotton), 4 ozs., 30c; 1-lb. tin, 80c; 4-lb. tin, \$2.70; 2 to 3 ounces treat a bushel of seed, as a dust.

ARASAN. An effective dry seed disinfectant and protectant for destroying many surface seedborne organisms and protecting the seed against certain soil-borne organisms responsible for seed decay. 1-oz. pkg., 16c; 8-oz. pkg. 80c.



VIGORO FERTILIZER SPREADER

A very durably constructed machine which will spread rapidly and uniformly.

Model B, spreading width 14 inches	\$4.05
No. 14. Junior, spreading width 16 inches	\$8.20
No. 24. Standard. Spreading width, 24 inches	16.95
Special, 36 inch	24.25

2-WAY FLY KILLER

- KILLS FLIES, MOSQUITOES, ETC. TRYING TO GET IN
- NON-POISONOUS TO HUMANS
- EFFECTIVE 4 DAYS

Colorless. Pleasing Odor. Just wipe on screens. Kills insects inside and outside. "Electric Screens" in a bottle. Works 24 hours a day. Costs only a few cents per application. For homes, porches, dairies, camps, barns. One bottle lasts for months. 4 ozs., 49c; 8 ozs., 89c.

LEE'S POULTRY REMEDIES

GERMOZONE. Germozone is a liquid used in the drinking water in treatment and prevention of roup colds, etc. 12 oz. bottle 75c; 32 oz. bottle \$1.50

GIZZARD CAPSULES for worms.

Adult size, Pkg.	50 for	\$.75
" "	" 100 "	1.25
Pullet "	" 50 "	.50
" "	" 100 "	1.00
Chick "	" 50 "	.40
" "	" 100 "	1.00

ACIDOX for the treatment and prevention of coccidiosis. 4 oz. bottle 50c; 12 oz. bottle \$1.00.

LEEMULSION. Mixed with drinking water or in mash in treatment of bronchitis, colds, pneumonia. 12 oz. bottle \$1.00.

VAPO SPRAY. Treats the whole flock. Protects against the highly contagious nature of most poultry diseases. Spray over fowls in fine mist. 1 quart, 75c.

LEE'S LICE KILLER. Spray on roosts. Kills lice, mites, blue bugs. 1 qt., 60c; 1/2 gal., 90c; 1 gallon \$1.50.

C.C.C. LOUSE KILLER

Kills lice on poultry, hogs, cattle, and horses. Kills fleas on dogs, cats and foxes. May also be used as a garden spray or dust.

1-lb. pkg., 50c.

"P. H." WORLD'S GREATEST ANIMAL CONDITIONER AND WORM EXPELLER. GIVEN TO THE ANIMAL WITH ITS FOOD

Seventy per cent of all your live stock losses are caused by worms. Get rid of these profit-eating, blood sucking pests—they keep your animals in a run-down, runty, unthrifty condition. Worms sap their strength, and make them easy prey to dangerous diseases.

"P. H." is used by the largest dog kennels in this country and abroad. Show dogs are conditioned with "P. H." and are kept in the pink of condition at all times by regular use of "P. H." Owners of racing greyhounds have found "P. H." a wonderful conditioner and wormer for these dogs that must be in top condition to win.

1 1/2-lb. tins	\$2.00	7-lb. tins	\$ 7.00
3 1/2-lb. tins	4.00	28-lb. tins	21.00

CARBOLA Contains D. D. T.

The disinfecting white paint. Carbola completely disinfects, dries white, will not flake or peel. For trees, poultry houses, stables, basements, etc.

A powder, mix with water for paint. Use dry as a dust for disinfecting poultry houses, dog kennels, stables, etc. 1 lb., 25c; 5 lbs., 80c; 10 lbs., \$1.35; 25 lbs., \$3.00; 50 lbs. \$5.50.

GARDEN TOOLS

Spades, forks, hoes, trowels, cultivators, lawn tools. Due to uncertain supply we are not listing tools. Write for prices.

RABBIT CHAPERONE

Rabbit Chaperone is an essential oil, dissolved in alcohol. When it is sprayed on foliage, grass, or fences, the alcohol acts as a dispersing agent for the oil, resulting in a light even distribution. After the alcohol evaporates very small droplets of oil remain and it is an effective repellent from 10 days to 3 weeks.

4 oz., 50c; 12 oz., \$1.00.

WRITE FOR PRICES OF POULTRY FEEDERS, WATER FOUNTS, LEG BANDS, ETC.

DR. LeGEAR'S POULTRY REMEDIES

Poultry Prescription. A concentrated tonic. It promotes the appetite and stimulates digestive processes.

12 oz. pkg., 25c; 1 lb. 14 oz. pkg., 50c; 4 lb. 8 oz. pkg., \$1.00.

Poultry Worm Powder is a scientifically compounded prescription to be mixed with mash.

1 lb. 2 oz. pkg., 60c.

Nicotine Kamola Pills. Individual treatment for large round worms in poultry.

Adult size—Pkg. 50 pills 50c.

Chick and Pullet size—Pkg. 50 pills 25c.

A-A. Poultry Tabs. A most effective and economical drinking water medication.

Pkg. 20 tabs, 30c; 50 tabs, 60c.

Antiseptic Tablets. For washing eyes and mouth in treatment of roupe and colds.

Pkg. 25 tablets, 30c; 60 tablets, 60c.

Lice Powder. Dusted well into feathers kills lice.

14 oz. pkgs., 30c.

Dip and Disinfectant for spraying poultry house, washing drinking vessels, etc.

8 oz. bottle	30c
Quart "	75c
Gallon "	\$2.25

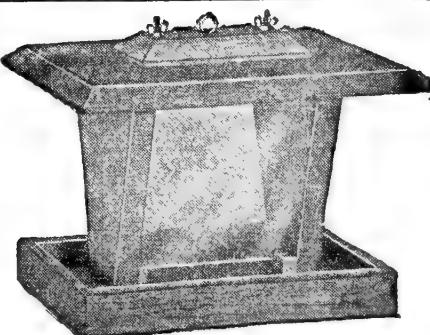
Poultry House Insecticide. Painted on roosts to kill mites. 3 oz. bottles 50c.

Hog Prescription. A tonic to be mixed with feed.

12 oz. pkg., 25c; 1 lb. 14 oz. pkg., 50c; 4 lb. 8 oz. pkgs., \$1.00.

Stock Powder. A tonic for cattle, hogs, horses and sheep.

12 oz., 25c; 1 lb. 14 oz., 50c.



FEED THE WILD BIRDS

BIRD FEEDER. No.

75. 12 inches wide, 9 inches high, 7 1/2 inches deep.

Each \$2.50. By mail add postage. Weight packed 5 lbs.

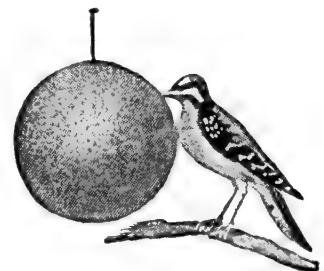
SUET CAKES FOR WILD BIRDS. A well balanced mixture of seeds, berries and fruit, molded into pure beef suet.

Each 35c.

PEANUT BUTTER BALLS.

A complete bird food containing vitamines, carbohydrates, proteins, oils, minerals, starch, etc. May be hung from branch or shrub by string.

Each 35c; packed 4 in box, \$1.35.



WILD BIRD SEED. A mixture of seed suitable for all wild seed eating birds. Write for prices.

Spratt's Dog Foods

BY MAIL ADD POSTAGE

HOW MUCH SHALL I FEED MY DOG?

APPROXIMATE DAILY QUANTITIES FOR A GROWN DOG
OR the Equivalent in Number of BISCUITS as follows:

BREED	SUCH AS	FIBO (or other granulated foods)	OVALS	SPIX	PUPPY BISCUITS	C. L. O. CAKES	DOG CAKES
Toy Breeds	Pekingese, etc.	2 to 4 ounces	15 to 30	4 to 8	1 to 2	1 to 2	.....
Small Breeds	Bostons, etc.	4 to 8 ounces	30 to 60	8 to 16	2 to 5	2 to 5	1 to 1 1/2
Medium Breeds	Airedales, etc.	10 to 16 ounces	80 to 125	20 to 35	6 to 9	6 to 9	2 1/2 to 4
Large Breeds	Shepherds, etc.	1 to 1 1/4 pounds	125 to 150	35 to 45	9 to 12	9 to 12	4 to 5
Very Large Breeds	Great Danes, etc.	1 1/2 to 2 pounds	.....	50 to 70	14 to 18	14 to 18	6 to 8

Spratt's Meat-Fibrine Dog Biscuits and Granulated Foods are QUALITY foods of clean, fresh appearance and wholesome, appetizing aroma. They contain no artificial flavorings or preservatives of any kind. Being well baked, Spratt's Dog Foods will retain their nutritive value for years, if stored in a cool, dry place. Their full crispness can always be quickly restored by placing them in a hot oven for a few minutes.

SPIX DOG BISCUITS. Bone-size biscuits. The ideal daily diet for all breeds. High food value. Convenient in shape, easy for the dog to grasp.
Package: 31 ozs., 37c.

FIBO. A unique granulated food containing a large percentage of Spratt's world-famous Meat Fibrine. It is very appetizing and highly recommended for shy and dainty feeders, as a change of diet or as a suitable food for any dog at any time. Can be given dry or mixed with vegetables, soup, broth, etc.
Package: 32 ozs., 44c.

OVALS. Oval Biscuits. Wonderful for all dogs, especially the smaller breeds. Contain plenty of meat; crunchy and satisfying. Convenient to feed and easy to carry in the pocket when on a walk with your dog.
Package: 26 ozs., 35c.

CHARCOAL OVALS. Same as Ovals with pure charcoal added. Black in color. Aid in absorbing intestinal and stomach gases. Every dog should have a full meal of Spratt's Charcoal Ovals once or twice a week; meat-fed dogs oftener. All dogs eat them with avidity.
Package: 26 ozs., 39c.

SPRATT'S ASSORTED BISCUITS. Are offered for the purpose of giving your dog just the variety of crunchy foods that he needs for the maintenance of stamina and good health. The combination is made up of Spix, Ovals, Charcoal Ovals, Cod Liver Oil Ovals, and Fish and Meat Ovals, and constitutes an ideal all-the-year-round food.
Package: 26 ozs., 37c.

FLEISCHMANN'S YEAST FOR DOGS

For sturdy growth and vigorous health, your dog needs vitamins. Fleischmann's dry yeast is rich in vitamins B1, G and D.
3 1/2-oz. pkg., 25c; 8 oz., 50c; 1 lb., 85c.

SPRATT'S CAT FOOD

SPRATT'S CAT FOOD. With meat, fish and milk—a complete food.
Packages: 6 1/2 ozs., 11c; 24 ozs., 31c.

COUSIN'S CAT FOOD

COUSIN'S CAT FOOD. A complete (dehydrated) cat food. Contains fish meal, liver meal, dried sweet milk, meat meal, wheat flour and concentrated fish liver oil. Moisten with a small amount of warm water or milk and feed.
8-oz. pkg., 16c.

DOG WHISTLES

"THUNDERER"

We believe that the "Acme Thunderer" is the best whistle made. It is very loud and is easy to blow.
Small whistle \$0.50
Medium whistle65
Large whistle75
De Luxe whistle90
Acmeoid (Bakelite)35
Buffalo horn whistle40
Dog head horn whistle40

COLLARS—LEADS—COMBS—BRUSHES

KIBBLED DOG CAKES. Regular dog cakes, broken to about the size of almonds and screened and sifted. Convenient for mixing with vegetables, etc.
5 lbs., 75c; 10 lbs., \$1.45; 25 lbs., \$3.50; 50 lbs., \$6.75.

SPRATT'S PUPPILAC. Is very much richer than cow's milk and is equal in strength and nourishment to bitch's or vixen's milk. This is important because when ordinary cow's milk is used much unnecessary bulk must be taken to obtain the required amount of nutrition. This may cause stomach distention and indigestion. Avoid this possibility by feeding Spratt's Puppilac which is always available in a fresh and convenient form.
Tins: 10 ozs., 75c.

PEPSINATED PUPPY MEAL. For feeding young puppies before and after weaning. Contains pure pepsin and is extremely assimilative. Excellent for delicate puppies and for dogs with weak digestions.
Tins: 12 ozs., 34c.

PUPPY MEAL. The standard weaning food. For feeding puppies until old enough to eat more solid food. Good for any dog out of condition.
Package: 12 ozs., 25c.

BONE MEAL. For building strong framework and preventing malformations. A pure, sweet bone meal made from sterilized bone. To be dusted over the puppies' food.
Tins: 20 ozs., 25c.

CALCIUM PHOSPHATE. For building strong bones and for rickets, especially in the larger and medium breeds. Rich in phosphoric acid. To be mixed with the food twice a day.
Tins: 8 ozs., 40c.

SPRATT'S BIRD FOOD

SPRATT'S COD LIVER OIL NESTLING FOOD. An ideal food for young canaries. An efficient substitute for egg food, being far less expensive and more easily prepared.
4 oz. pkg., 15c; 9 oz. pkg., 25c; 5 lb. bag, \$1.20.

SPRATT'S MIXED BIRD SEED. A complete mixture for canaries.
15 oz. pkg., 30c.

SPRATT'S CANARY SEED MIXTURE with egg flake and fruit.
15 oz. pkg., 30c.

SPRATT'S LOVE BIRD MIXTURE.
15 oz. pkg., 30c.

SPRATT'S PARROT MIXTURE.
1 lb. pkg., 30c.

SPRATT'S ZEKE. Dried tropical flies for birds, fish, turtles.
1/2 oz., 10c.

SPRATT'S FISH FOOD

SPRATT'S NATURAL FISH FOOD. A granulated food for goldfish.
3/4 oz. pkg., 10c.

SPRATT'S TROPICAL FISH FOOD. Contains the correct ingredients for keeping tropical fish in good health.
3/4 oz. pkg., 10c.

SPRATT'S GENUINE WAFER FISH FOOD. The popular white wafer food for goldfish.
1/2 oz. pkg., 10c.

SPRATT'S RECTO. The aquarium Water Rectifier for fungus, tail rot, white spots, etc. A small teaspoonful added to each gallon of water, once a month, will replace mineral content of the water to benefit fish and plants.
3 oz. pkg., 25c.

SPRATT'S DOG MEDICINES

Spratt's Medicines are made from the purest ingredients obtainable and are always kept up to the highest level of modern veterinary science. Millions of dog owners have found them thoroughly effective, reliable and safe. Dosage and directions appear on all packages and should be followed closely. They are packed to keep in any climate for any length of time.

REGULAR SIZE PACKAGES		Price
SPRATT'S ALTERATIVE TABLETS, 40 Tabs.		\$.60
SPRATT'S ASTRINGENT TABLETS, 40 Tabs.		.60
SPRATT'S CALCIUM PHOSPHATE, 8 Ozs.		.40
SPRATT'S CHEMICAL MIXTURE, For building up the System. 4 Oz.		1.25
SPRATT'S COD LIVER OIL CAPSULES, For Vitamins A and D deficiencies. 20 Caps.		.60
SPRATT'S CONSTIPATION TABLETS. 40 Tabs.		.60
SPRATT'S COUGH TABLETS, For coughs due to Colds. 40 Tabs.		.60
SPRATT'S DOG TROT, For bitches in season. 1 Oz.	1.00	
SPRATT'S DIP. Disinfectant, insecticide and deodorant. Refined and highly concentrated. Makes a milky solution (1 part to 100 parts or 1 tablespoonful to 1 quart of water.) 12 Ozs.		.60
SPRATT'S DIURETIC TABLETS, For kidney and bladder trouble. 40 Tabs.		.60
SPRATT'S EAR CANKER OINTMENT, For external and internal ear canker. 2 Ozs.		.75
SPRATT'S EYE LOTION TABLETS, For making eye wash solution. 10 Tabs.		.60
SPRATT'S LAXATIVE TABLETS, For stimulating liver and bowels. 50 Tabs.		.60
SPRATT'S LINIMENT, For sprains and bruises. 3 Ozs.		.60
SPRATT'S MANGE LIQUID, For sarcoptic mange. 12 Ozs.		.75
SPRATT'S MUSCULAR ACHE TABLETS, For muscular aches and soreness due to exposure. 40 Tabs.		.60
SPRATT'S NERVE SEDATIVE TABLETS. 40 Tabs.		.60
SPRATT'S OINTMENT, For Sarcoptic Mange and Irritation, Scratching or Eczema due to Sarcoptic Mange Mites. 2 Ozs.		.60
SPRATT'S PURGATIVE TABLETS, For thoroughly purging the bowels. 40 Tabs.		.60
SPRATT'S "SPECIAL" TABLETS FOR DOGS, A diuretic and stimulant. 75 Tabs.		1.00
SPRATT'S "SPECIAL" TABLETS FOR TOY DOGS AND PUPPIES. 50 Tabs.		1.00
SPRATT'S STOMACH SEDATIVE TABLETS. 40 Tabs.		.60
SPRATT'S SULPHUR TABLETS. 40 Tabs.		.60
SPRATT'S TAPEWORM TABLETS, For tapeworm in dogs and puppies. 12 Tabs.		.60
SPRATT'S TONIC TABLETS FOR DOGS, A general tonic. 60 Tabs.		.60
SPRATT'S TONIC TABLETS FOR TOY DOGS AND PUPPIES. 75 Tabs.		.60
SPRATT'S WHEEZING TABLETS. 40 Tabs.		.60
SPRATT'S WORM CAPSULES FOR DOGS, For large roundworms or ascarids. 20 Tabs.		.60
SPRATT'S WORM CAPSULES FOR PUPPIES AND TOY DOGS, For large roundworms or ascarids. 25 Tabs.		.60
SPRATT'S BLACK FLEA SOAP. To be used when the dog is much bothered by fleas. Lathers freely and cleans thoroughly. Beneficial to coat and skin.		.30
SPRATT'S WHITE DOG SOAP. Produces a beautiful, glossy coat, leaving the skin clean and free from surf and scales. The ideal soap for the dog's regular bath.		.25
DRY CLEANING POWDER. For dry cleaning all dogs, especially white and light colored breeds. To be sprinkled well into coat and then thoroughly brushed out, leaving the dog's skin and coat in first class condition. 4 oz. box.		.30

CEDAR BEDDING

Made from the heart of the red cedar. Keeps your kennel sweet and clean. Red cedar bedding is insect-repelling and the oil in the cedar keeps your dog's coat shiny.

Pkg., enough for sleeping pad, 35c; large bag, 40 to 50 lbs., \$2.25; 2 bags, \$4.25; $\frac{1}{2}$ bag, \$1.25.

REX WHEAT GERM OIL

The richest natural source of vitamin E, (reproductive vitamin). Also helps to give the animal a rich, glossy coat. 4-oz. Bottle, \$1.00.

PULVEX FLEA POWDER

A quick killing flea powder; can be used on dogs or cats. To avoid chigger bites on humans apply on legs and feet before visiting chigger infested areas.

1 1/5 oz. pkg. 25c 3 1/8 oz. pkg. 50c

TOYS FOR YOUR DOG

Write for prices of above. Due to present conditions supplies are uncertain.



DON'T BLAME FLEAS

When dogs itch—scratch continually it's usually *not due to* fleas, mange, diet. 2 to 1 it's FUNGITCH—grass-borne fungus infection long a puzzle to science. Now a noted specialist's discovery—SULFADENE—*applied externally*, stops itching in minutes...clears up scales and sores in a few days. Generous treatment only 98c. Guaranteed.

Dr. MERRICK'S SULFADENE

HILO DIP

KILLS FLEAS AND LICE

HILO DIP is a highly concentrated liquid. Dissolve a tablespoonful in a gallon of water and saturate the dog's coat thoroughly for several minutes. It kills all fleas and lice in 10 minutes. Dry the dog without rinsing. Fine particles of HILO DIP will remain in the coat and delay reinestation. It leaves a pleasant odor.

1 oz. Bottle. 25c 6 oz. Bottle. \$.85
3 oz. Bottle. 50c Pint Bottle. 2.00

HILO OINTMENT

HILO DIP has killed the parasites but the sores will continue to irritate your dog a while longer. He is apt to keep on scratching and interfere with the natural healing process.

To give your dog QUICK relief, apply HILO OINTMENT to the sore spots twice a day for several days. Soon the irritation will cease, your dog will stop scratching and new hair will begin to grow.

1 oz. Jar. 25c 3 oz. Jar. 50c
HILO KILTIX Kills Ticks. 8 oz. \$1.40.

QUADINE

QUADINE is the greatest product ever developed for grooming the dog's coat and skin. QUADINE kills fleas and ticks.

Postpaid Prices
4-oz. bottle. \$1.25 $\frac{1}{2}$ gallon. \$5.90
12-oz. bottle. 2.50 gallon. 9.50

DELCREO

A tonic and conditioner for dogs. Used for internal medication to assist and stimulate the natural forces of the body in infections in the intestines, blood stream and other organs. Valuable in the prevention and treatment of distemper, coughs and colds, etc.

2-oz. bottle. 75c 4-oz. bottle. \$1.50

DOG REPELLENTS

DOG SKAT LIQUID (HAMMOND'S)

A highly concentrated liquid when sprayed at the base of and near evergreens, shrubs, trees, etc., gives off a lasting odor that is very offensive to animals. Price: 3 ozs., 35c.

DOG SKAT TUBES

Keeps dogs, cats, rabbits away from choice trees and shrubs. To use, just cut away the small end of the tube and hang by its wires to the lower branches of the shrub. Large tube lasts entire year. Price: Large tube, 25c.

DOG-CHECK

An effective proven curb to canine habits, needed by all whose neighbor's dogs "visit" and wither flowers, shrubs. One application usually lasts from two to three weeks—unaffected by light rains.

Small size contain 3 oz., 60c; 8 oz., \$1.00.

CHAPERONE

(Powder for home use.) Odorless to humans. To keep dogs off furniture, rugs, out of rooms, sprinkle around a small amount of Chaperone. Per package, \$1.00.

CHAPERONE (Liquid)

For use outdoors only. Keeps dogs away from trees, shrubs, flowers, etc. 12 oz. tin, \$1.00.

DOG SHOO

An effective dog repellent at a price you can afford to pay. Harmless to vegetation. Spray once a week where dogs are to be excluded. Qt., 75c; gal., \$2.50.

DOGZOFF

The nationally known effective dog repellent. Apply with sprayer. 3 oz., 60c.

DOG TEX

Removes dog and cat stains and odors from rugs; prevents rotting and bleaching.

4-oz. bottle, 50c; 8 oz., 85c; 16 oz., \$1.25.

SPRATT'S DOG TROT

A preparation to be rubbed on the female in season to prevent the annoyance of having male dogs being attracted. Complete with full directions. Price, \$1.00.

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411 N. Broadway

St. Louis 2, Missouri

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**BEFORE SEALING—PLEASE BE SURE TO CHECK YOUR ORDER
CAREFULLY TO BE SURE YOU HAVE LISTED EVERYTHING
YOU INTENDED TO ORDER.**

BE SURE

**Your name and address are written plainly
on the other side of this blank.**

WEED KILLERS

AMMATE WEED KILLER

Ammate Weed Killer ammonium sulfamate, has been tested during the past five years by experiment stations and agriculturists for the control and eradication of many troublesome weeds. Woody perennials and annuals—use $\frac{3}{4}$ to 1 pound per gallon. Deep and shallow rooted perennials—use 1 to 3 pounds per 100 square feet area.

2 lb. pkg., 75c; 6 lbs. \$1.80.

HAMMOND'S WEED KILLER

Weeds, Poison Ivy and all vegetation are easily destroyed with this highly concentrated (stands dilution with 40 parts of water), easy-to-use material. Simply mix with water, apply with a sprinkling can and all vegetation withers and dies. It can be used to clean up areas which have become overgrown. A few rains wash the ground clean and then it is ready for cultivation.

Qt., 70c; gal., \$2.00; 5 gals., \$8.00.

ACME WEED KILLER destroys weeds and all vegetation. The kind to use on driveways, clay courts, paths, etc. Also widely used in spotting out dandelions, plantain, and other noxious lawn weeds by application undiluted, using a weed cane or squirt-bottom oil can.

Pint, 45c; quart, 65c; gallon, \$1.84.

WEEDONE

TRADE MARK

The new scientific weed killer. Kills Poison Ivy, Poison Oak, Bindweed, (Wild Morning Glory), Japanese Honeysuckle, and many other noxious weeds. Sprayed on the leaves, it travels down to the root tips, killing the whole plant. Does not irritate the skin, contains no arsenic or chlorates, does not corrode metals, does not sterilize the soil. Just mix in water and spray.

6 oz. bottle, makes 5 gal. spray, 75c.

1 qt. bottle, makes 25 gal. spray, \$2.50.

1 gal. bottle, makes 100 gal. spray, \$7.50.

5 gal. can, makes 500 gal. spray, \$30.00.

CRAB GRASS KILLER

A liquid which is put up in 6-ounce bottles. Mix the contents of one bottle with 5 gallons of water and spray it on 660 square feet of lawn surface. We recommend a compressed air sprayer, or any type of pressure sprayer that will give an even distribution. Sprinkling cans have been used with good success. Since there is no uniformity in the outlet holes of sprinkling cans, we suggest that you experiment with plain water to see just how many gallons it takes to cover 660 square feet, then add the 6 ounces of "Gone With The Wind" to that amount of water.

Permanent grasses are usually temporarily discolored for a period of from ten days to two weeks after which time they resume their natural color. Price \$1.00.

RAT, MOUSE AND GOPHER KILLERS

RAT AND MOUSE KILLERS

K. R. O., KILLS RATS ONLY, is a product that dog owners and poultry raisers are looking for. It is harmless to man, dogs, cats, poultry and other domestic animals. However, K. R. O. is deadly poison to rats and mice. K. R. O. is made of powdered squill which attracts rats and mice. They usually die in the open, searching for water.

Powder enough to mix $1\frac{1}{2}$ lbs. bait, 75c.

Ready Mixed K. R. O., size for household use, 35c; size for factory, farm, etc., \$1.00.

TOPZOL

(MADE OF RED SQUILL)

Topzol prepared rat baits are ready for use. Non-poisonous to humans, birds and pets. Sure death to rats.

Pkg., 20c.

POISON WHEAT—HART'S

The quick and sure mouse exterminator, easy to use. Place wheat in runways where rodents are present.

Pkg., 15c.

SANASEED

Sure death to rats and mice. Ready for use. Mice prefer sanaseed to food stuffs.

Pkg., 15c.

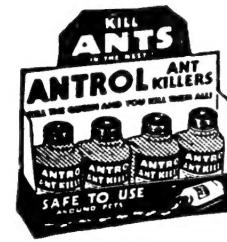
RAT BIS-KIT PASTE. Spread on cheese, crackers, bread, and lay in places most frequented by rats.

2 oz. tube, 25c.

ANT KILLERS

ANTROL. Kills sweet and grease-eating ants. A safe, sure, permanent method of eliminating ants. Consists of small glass containers from which the worker ants carry the Antrol Syrup to the nest, destroying the entire colony.

Price: Ready-filled set containing four filled feeders, 40c; Antrol Syrup, for refilling, 4 oz. bottles, 20c.



ANTROL ANT TRAPS. Contains bait to control sweet and grease eating ants. Each, 15c.

ANT-X JELLY BAIT. A most effective THALLIUM bait for destroying all species of ants—SIMPLE TO USE—Not a repellent but a food bait that ants eat and carry back to the nest. Destroys entire colony. "THEIR LAST MEAL."

1 oz., 35c; 4 oz., \$1.00.

SCHILLING'S ROACH & ANT POWDER. Kills roaches, waterbugs and sweet-eating ants. Effective, safe. Use in cracks and corners, on shelves, window and door sills, around water pipes, etc.

3 oz. pkg. 25c; oz. 50c; 14 ozs. \$1.00.

TAT Ant Traps

America's first and original, scientific ant trap, made with genuine Thallium Sulphate, world's finest medium of ant control. Each trap contains double baits to control both sweet and grease-eating ants. Complete elimination of colony usually occurs within three days.

Each 25c.

TAT ANT BAIT (Jelly). A specially prepared bait in jelly form, for the control of garden ants. Contains genuine Thallium Sulphate, most effective medium for ant control. Packed in tubes, easy to handle, enables distribution of bait to many colonies. Unsurpassed for the control of outdoor ants.

35c per tube.

TERRO ANT KILLER. A syrup to be placed on chips of wood or cardboard. Ants will be quite active for some time eating the Terro and taking it back to the nest for the queen ant. The queen ant being destroyed ceases further propagation.

Price: per bottle, 25c.

CYANOGAS GAS KILLS ANTS

CYANOGAS ANT KILLER

If you have a lawn or garden, keep a can of Cyanogas on hand. This gas-producing powder will solve your ant problem. The spouted can is especially designed for treating ant nests. A pinch will kill all ants in nest—instantly. Spectacularly effective! Easy to apply. A little goes a long way.

4 oz. pkg., 30c.



RATDOOM

Made in tubular form (like firecracker) but not explosive. Ignited and placed into runways kills rats, moles, gophers, groundhogs, hornets, wasps, etc. Also any burrowing animals or insects where the gas generated after ignition is confined to their den.

Each 10c; dozen 75c.

FORCE'S GOPHER KILLER

A most effective control because it is a scientific preparation of the gopher's natural food, properly blended. It is very attractive to gophers and will be readily eaten by them if properly placed, according to directions.

Pkg., about 60 pellets, 50c.

HART'S GOPHER AND RAT CORN

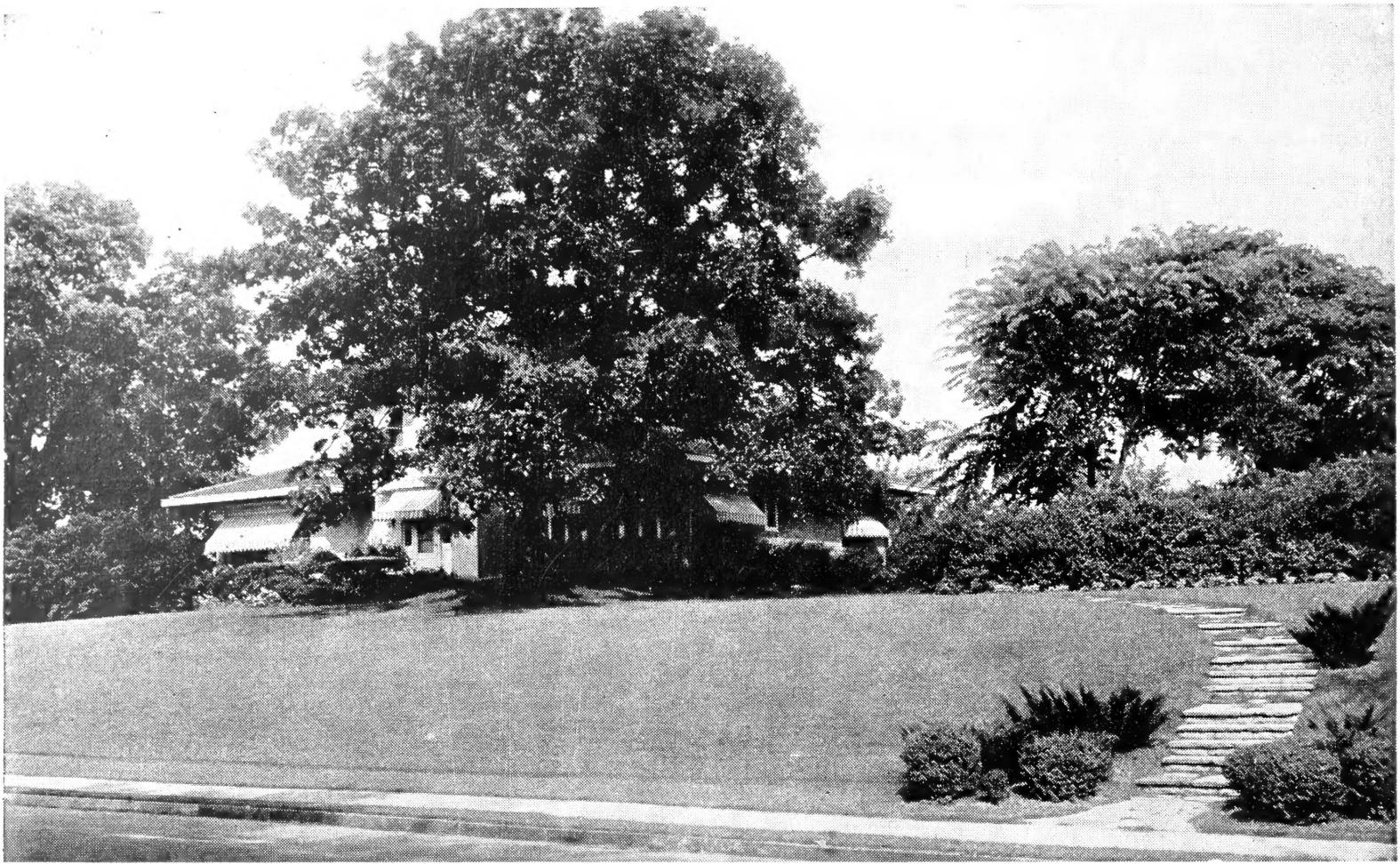
Poison corn, which, when placed into the runways of gophers or rats, will quickly destroy them.

Pkg., about 1,000 kernels, 35c.

CYANOGAS

Pocket gophers may be very easily killed by early-morning treatment. Early in the morning, laterals made the previous night will be found open or plugged with only a small plug of newly-thrown-out dirt. Brush aside the fresh workings and place two tablespoons of Cyanogas A-Dust into the openings at a depth of about 8 or 10 inches.

1 lb., 75c.



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St. Louis Seed Company's
HAVA LAWN
Grass Seed**

A Carefully Selected Mixture for St. Louis Lawns



Dirt-Proof, Washable
GARDEN GLOVES
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Sizes for **WOMEN** (small, medium, large) and **MEN** (small, medium, large).

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GLOVES

Price Per Pair, \$1.25



Flower and vegetable gardens, to yield big gorgeous blooms or tasty, mineral-rich vegetables, need regular feeding with

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COMPLETE PLANT FOOD

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